

RUDI DE RAEDT CV, January 2024

1. PERSONALIA

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- Education:** **1996-2000: Ph.D. in Psychological Sciences**, Free University of Brussels
- 1996-1999: Certified Cognitive-Behavioral Therapist, University of Antwerp
- 1990-1995: Bachelor & Master of Science in Psychology (Clinical)
Free University of Brussels. *Summa Cum Laude*
- 1979-1983: Master in Visual Arts (Sculpture)
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- Career:** October 2018 – Senior Full Professor of Clinical Psychology, Ghent University
- October 2010 – September 2018: Full Professor of Clinical Psychology, Ghent University
- October 2009 – September 2010: Associate Professor of Clinical Psychology, Ghent University
- February 2001 - September 2009: Assistant Professor of Clinical Psychology, Ghent University
- 1996-2000: Researcher Ph.D. Project, Free University of Brussels
- 1984-1993: Sculptor (self-employed)
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- Further affiliations:** Interuniversity Research Group Psychopathology & Information Processing in Older Adults
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2. RESEARCH STATEMENT

Our research starts from the basic assumption that a deeper understanding of the disruptions in information processing characterizing affective disorders -how people attend to, remember, and interpret information- requires the integration of findings from clinical, cognitive, behavioral and neurobiological research. A basic idea is that, because behavior is partly governed by automatic information processing that exerts an influence outside conscious control, implicit cognitive processes play a central role in the onset and maintenance of affective disorders. Vulnerability and resilience factors for affective disorders are investigated in a life-span perspective, from childhood to old age, which has led to the development of a model to explain increasing vulnerability for depression in which stress, attention and cognitive control play a crucial role. It is based on theoretical models that allow the integration of psychological and neurobiological perspectives, using affective modifications of experimental psychology paradigms, as well as behavioral measures such as Eye Movement Registration. Moreover these paradigms are combined with neuroimaging techniques, and physiological indicators such as pupil dilation, skin conductance, saliva cortisol and heart rate variability. To investigate causal mechanisms, methods that allow the experimental modification of information-processing biases are used, such as cognitive training and neurostimulation. The results of this research revealed causal mechanisms underlying vulnerability and resilience.

Based on this fundamental research, our current work is focused on investigating the underlying psychophysiological and neurocognitive mechanisms of (mal)adaptive emotion regulation and reactivity to psychosocial stressors, to inform preventive strategies, and the development of neurocognitive interventions to increase stress resilience, based on new strategies of emotion regulation and on a combination of neurostimulation and cognitive training. Moreover, we investigate biobehavioral triadic dynamics of stress resilience transmission in families, the effect of physical exercise on neurocognitive and physiological markers of stress resilience, and the use of hybrid machine learning for personalized detection of relapse and the development of a new theoretical framework on the influence of stress resilience on recurrent depression .

3. PUBLICATIONS

(a) Peer reviewed publications in journals indexed in the ISI Web of Science™

1. Heylen, J., Budniok, S., Van de Walle M., **De Raedt, R.**, Bijttebier, P., De Winter, S., Bosmans. (2024). Attachment and maladjustment: The role of effortful control development during middle childhood. *The Journal of Early Adolescence*, 44, 198-222. <https://doi.org/10.1177/02724316231164756>
2. Li, Z.F., Pulopulos, M., Allaert, J., De Smet, S., De Wandel, L., Kappen, M., Putteviels, L., Razza, L. B., Schoonjans, E., Vanhollebeke, G., Baeken, C., **De Raedt, R.**, & Vanderhasselt, M.-A. (2024). Vagally-mediated HRV as a marker of trait rumination in healthy individuals? A large cross-sectional analysis. *Psychophysiology*, 61, e14448. <https://doi.org/10.1111/psyp.14448>
3. Qinyuan, C., Bonduelle, S.L.B, Wu, G.R., Vanderhasselt, M.A., **De Raedt, R.**, & Baeken, C. (2024). Unraveling how the adolescent brain deals with criticism using Dynamic Causal Modeling. *Neuroimage*, 286, 120510. [10.1016/j.neuroimage.2024.120510](https://doi.org/10.1016/j.neuroimage.2024.120510)
4. Allaert, J., **De Raedt, R.** Sanchez-Lopez, A., September, H., Vanderhasselt, M.A. (2023). Reduced Attention Towards Accomplishments Mediates the Effect of Self-Critical Rumination on Regret. *Cognitive Therapy and Research*, 47, 399-411. <https://doi.org/10.1007/s10608-023-10367-8>
5. Blanco, I., Boemo, T., Martin-Garcia, O., Koster, E.H.W., **De Raedt, R.**, Sanchez-Lopez, A. (2023). Online Contingent Attention Training (OCAT): Transfer effects to cognitive biases, rumination, and anxiety symptoms from two proof-of-principle studies. *Cognitive Research: Principles and Implications*, 8, 28. <https://doi.org/10.1186/s41235-023-00480-3>

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7. Brose, A., **De Raedt, R.**, Vanderhasselt, M.A. (2023). Eight Items of the Ruminative Response Scale are Sufficient to Measure Weekly Within-Person Variation in Rumination. *Current Psychology*, 41, 4210-4218. <https://doi.org/10.1007/s12144-020-00913-y>
8. Godara, M., Everaert, J., Sanchez-Lopez, A., Joormann, J. & **De Raedt, R.** (2023). Interplay between uncertainty intolerance, emotion regulation, cognitive flexibility, and psychopathology during the COVID-19 pandemic: a multi-wave study. *Scientific Reports*, 13, 9854. <https://doi.org/10.1038/s41598-023-36211-3>
9. Godara, M., Sanchez-Lopez, A., & **De Raedt, R.** (2023). The Contextual Goal Dependent Attentional Flexibility (CoGoDAF) Framework: A new approach to attention bias in depression. *Behaviour Research and Therapy*, 167, 104354. <https://doi.org/10.1016/j.brat.2023.104354>
10. Hoorelbeke, K. **De Raedt, R.** et al. (2023). Context Matters! A network tree approach to model the link between social media use and well-being. *Computers in Human Behavior Reports*, 9, 100269. <https://doi.org/10.1016/j.chbr.2023.100269>
11. Hoorelbeke, K., Van den Bergh, N., **De Raedt, R.**, Wichers, M., Albers, C.J., & Koster, E.H.W. (2023). Regaining control of your emotions? Investigating the mechanisms underlying effects of cognitive control training for remitted depressed patients. *Emotion*, 23, 194-213. <https://doi.org/10.1037/emo0001067>
12. Horczak, P., Wang, C., De Witte, S., De Smet, S., Remue, J., **De Raedt, R.**, Vanderhasselt, M.A., Wu, G.R., Lemmens, G., & Baeken, C. (2023). Combining transcranial direct current stimulation with group cognitive behavioral therapy developed to treat rumination. A clinical pilot study. *Frontiers in Neurology*, 14, 1167029. <https://doi.org/10.3389/fneur.2023.1167029>
13. Martin-Garcia, O., **De Raedt, R.**, Godara, M., Ottaviani, C., & Sanchez-Lopez, A. (2023). Individual differences in motivational self-focus modulate context-based affective attention flexibility toward goal-relevant information: an eye-tracking study. *Learning and Motivation*, 81, 101869. <https://doi.org/10.1016/j.lmot.2022.101869>
14. Mikneviciute, G., Allaert, J., Pulopulos, M.M. , **De Raedt, R.**, Kliegel, M., & Ballhausen, N. (2023). Acute stress impacts reaction times in older but not in young adults in a flanker task. *Scientific Reports*, 13, 17690. <https://doi.org/10.1038/s41598-023-44356-4>
15. Pulopulos, M.M., Hoorelbeke, K., Vandenbroucke, S., Van Durme, K., Hooley, J.M., & **De Raedt, R.** (2023). The interplay between self-esteem, expectancy, cognitive control, rumination, and the experience of stress: A network analysis. *Current Psychology*, 42, 15403-15411. <https://doi.org/10.1007/s12144-022-02840-6>
16. Van Beveren, M.L., Braet, J., **De Raedt, R.**, Grol, M., Wante, L., & Braet, C. (2023). Always look on the bright side of life: Individual differences in visual attentional breadth for understanding temperament and emotion regulation in adolescents. *Frontiers in Psychology*, 14, 1094108. <https://doi.org/10.3389/fpsyg.2023.1094108>
17. Vanderhasselt, M.A., Sanchez-Lopez, A., Pulopulos, M., Razza, L.B., De Smet, S., Brunoni, A.R., Baeken, C., **De Raedt, R.**, Allaert, J. (2023). Prefrontal transcranial Direct Current Stimulation over the right prefrontal cortex reduces proactive control performance towards emotional material in healthy individuals. *Journal of Clinical and Health Psychology*, 23, 100384. <https://doi.org/10.1016/j.jichp.2023.100384>
18. Vanhollebeke, G., Kappen, M., **De Raedt, R.**, Baken, C., van Mierlo, P., & Vanderhasselt, M.A. (2023). Effects of Acute Psychosocial Stress on Source Level EEG Power and Functional Connectivity Measures. *Scientific Reports*. 13(1):8807. <https://doi.org/10.1038/s41598-023-35808-y>

19. Vanhollebeke, G., Aers, F., Goethals, L., **De Raedt, R.**, Baeken, C., van Mierlo, P., Vanderhasselt, M.A. (2023). Uncovering the underlying factors of ERP changes in the cyberball paradigm: A systematic review investigating the impact of ostracism and paradigm characteristics. *Neuroscience & Biobehavioral Reviews*, 155, 105464. <https://doi.org/10.1016/j.neubiorev.2023.105464>.
20. Allaert, J., **De Raedt, R.**, & Vanderhasselt, M.A. (2022). Mind the social feedback: effects of tDCS applied to the left DLPFC on psychophysiological responses during the anticipation and reception of social evaluations. *Social, Cognitive and Affective Neuroscience*, 17, 131-141. <https://doi.org/10.1093/scan/nsaa066>
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24. Pulpulos, M., Allaert, J., Vanderhasselt, M.A., Sanchez-Lopez, A., De Witte, S., Baeken C. & **De Raedt, R.** (2022). Effects of HF-rTMS over the left and right DLPFC on proactive and reactive cognitive control. *Social, Cognitive and Affective Neuroscience*, 17, 109-119. <https://doi.org/10.1093/scan/nsaa082>
25. Rogiers, R., Baeken, C., Van den Abbeele, D., Watkins, E., Remue, J., Colman, R., **De Raedt, R.**, & Lemmens, G. (2022). Group intervention 'Drop it!' decreases Repetitive Negative Thinking in Major Depressive Disorder and/or Generalized Anxiety Disorder: a randomised controlled study. *Cognitive Therapy and Research*, 46, 182-196. <https://doi.org/10.1007/s10608-021-10240-6>
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29. Allaert, J., **De Raedt, R.**, van Der Veen, F.M., Baeken, C., & Vanderhasselt, M.A. (2021). Prefrontal tDCS attenuates counterfactual thinking in female individuals prone to self-critical rumination. *Scientific Reports*, 11, 11601. <https://doi.org/10.1038/s41598-021-90677-7>
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<https://doi.org/10.1016/j.jpsychires.2021.02.011>
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<https://doi.org/10.1007/s00406-021-01243-1>
33. Bonduelle, S., Dedoncker, J., Wu, G.R., Vanderhasselt, M.A., Braet, C., Hooley, J., **De Raedt, R.**, & Baeken, C. (2021). Exposure to criticism modulates left but not right amygdala functional connectivity in healthy adolescents: individual influences of perceived and self-criticism. *Frontiers in Psychiatry*, 12, 673805. <https://doi.org/10.3389/fpsyt.2021.673805>
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35. Dedoncker, J., Baeken, C., **De Raedt, R.**, & Vanderhasselt, M.A. (2021). Combined transcranial direct current stimulation and psychological interventions: state of the art and promising perspective for clinical psychology. *Biological Psychology*, 158, 107991.
<https://doi.org/10.1016/j.biopsycho.2020.107991>
36. De Pue, S., Gillebert, C., Dierckx, E., Vanderhasselt, M.A., **De Raedt, R.**, & Van den Bussche, E. (2021). The impact of the COVID-19 pandemic on wellbeing and cognitive functioning of older adults. *Scientific Reports*, 11, 4636. <https://doi.org/10.1038/s41598-021-84127-7>
37. De Smet, S., Baeken, C., **De Raedt, R.**, Pulopulos, M., Razza, B., Van Damme, S., De Witte, S., Brunoni, A.R., Vanderhasselt, M.A. (2021). Effects of combined theta burst stimulation and transcranial direct current stimulation of the dorsolateral prefrontal cortex on stress. *Clinical Neurophysiology*, 132, 1116-1125. <https://doi.org/10.1016/j.clinph.2021.01.025>
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<https://doi.org/10.1037/ppm0000325>
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41. Ferrari, G.R.A., Vanderhasselt, M.A., Rinck, M., Demeyer, I., **De Raedt, R.**, Beisel, S., Lindenmeyer, J., & Becker, E.S. (2021). A Cognitive Control Training as Add-On Treatment to Usual Care for Depressed Inpatients. *Cognitive Therapy and Research*, 45, 929-943.
<https://doi.org/10.1007/s10608-020-10197-y>
42. Godara, M., Sanchez-Lopez, A., Baeken, C., & **De Raedt, R.** (2021). Looking for carrots, watching out for sticks: A gaze-contingent approach towards training contextual goal-dependent affective attention flexibility. *Behaviour Research and Therapy*, 136, 103787.
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51. Verschooren, S., Schindler, S., **De Raedt, R.**, & Pourtois, G. (2021). Early reduction of sensory processing within the visual cortex when switching from internal to external attention? *Biological Psychology*, 163, 108119. <https://doi.org/10.1016/j.biopsycho.2021.108119>
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b) Chapters in books

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9. Franck, E., Schacht, R., & **De Raedt, R.** (2008). Zelfwaarde en depressie: de rol van automatische processen (Self-esteem and depression: The role of automatic processes) . *Gedragstherapie*, 41, 135-152.
10. Schacht, R., **De Raedt, R.**, & Rijnders, P. (2007). Evidence based stepped care in de gedragstherapeutische praktijk. Een protocol voor probleemidentificatie (Evidence based stepped care in behavior therapy practice. A protocol for problem identification). *Gedragstherapie*, 40, 85-110.
11. Baert, S., Goeleven, E. & **De Raedt, R.** (2006). Aandacht voor mindfulness based cognitive therapy; en erna (Attention for mindfulness based cognitive therapy; and beyond) . *Gedragstherapie*.39, 43-54.
12. Koster, E.H.W., Baert, S., & **De Raedt, R.** (2006). Modificatie van informatieverwerking bij emotionele stoornissen. Een wetenschappelijke innovatie met klinische potentie (Cognitive bias modification in emotional disorders. A scientific innovation with clinical potential). *Gedragstherapie*, 39, 243-257.
13. **De Raedt, R.** (2004). Het belang van gedragstherapeutische analyses (The importance of behavioral analysis). *Gedragstherapie*, 37, 327-329.
14. **De Raedt, R.**, & Schacht, R. (2003). Een empirisch model voor probleemidentificatie binnen het gedragstherapeutisch proces (An empirical model of problem identification within the behavior therapy process). *Gedragstherapie*, 36, 197-222.
15. Koster, E.H.W., Crombez, G., Verschuere, B., & **De Raedt, R.** (2003). Aandachtsfocus tijdens exposure-behandeling van angst: theorie en empirie (Attentional focus during exposure treatment of anxiety: Theory and empirical facts). *Gedragstherapie*, 36, 19-32.
16. Schacht, R., **De Raedt R.**, Van Hunsel, F., Ponjaert-Kristoffersen, I., & Cosyns, P. (2001). Het Neurotische Lussen Model: een leertheoretische conceptualisatie van complex disfunctioneren (The neurotic loop model: A learning theory conceptualization of complex dysfunctioning). *Tijdschrift voor Psychotherapie*, 27, 77-104.

4. GRANTS & FUNDING

(a) Grants: research projects and promoter/consultant research fellowships

1. Harnessing the power of placebo with prefrontal transcranial direct current stimulation: an experimental psychopathological research line. Research Foundation Flanders (FWO-Vlaanderen). Co-promoter postdoctoral fellowship of Jens Allaert, with promotor Marie-Anne Vanderhasselt. Grant 1/10/2022 – 30/09/2025
2. Promoting stable remission in depression by combining e-health and cognitive science: the development of DEpression's DIgital foreCAsting Tool (DEDICAT). Special Research Fund Ghent University (GOA-BOF). Concerted Research Action, promoter with Lieven De Marez, Sofie Van Hoecke, Marie-Anne Vanderhasselt and main promotor/spokesperson Ernst H.W. Koster, 01/10/2023 – 30/09/2028. Grant: € 1.718.915.
3. Triadic dynamics of stress resilience transmission in families. FWO / FNRS: Excellence of Science (EOS) (G0I2422N), main promoter/spokesperson, with promoters Guy Bosmans & Eva Ceulemans (KULeuven); Frank Kooy (UAntwerpen); Mandy Rossingnol (UMons); Alexandre Heeren (UCLouvain), and copromoters: Sara Galdiolo (UMons) & Rudi D'Hooge (KULeuven). 01/10/2022 - 30/09/2026. Grant € 3.702.519.
4. Physical exercise to bounce back from perseverative cognition: focus on bottom-up and top-down influences of the heart-brain nexus. Research Foundation Flanders (FWO-Vlaanderen). Research project (G044222N), co-promoter, with promoter Marie-Anne Vanderhasselt. 01/1/2022 - 30/12/2025. Grant: € 272.300.
5. Targeting Attentional and Cognitive Control to Enhance the Transdiagnostic Treatment of Repetitive Negative Thinking. K23 Mentored Patient-Oriented Career Development Award, National Institute of Mental Health (USA), awarded to Jacoby Ryan (Harvard Medical School, Massachusetts General Hospital). Consultant. 01/04/2020 – 31/03/2025. Grant € 928.000
6. On counterfactual thoughts, regret and rumination: the investigation of a ground breaking theoretical framework in a laboratory and a naturalistic context. Research Foundation Flanders (FWO-Vlaanderen). Research project (G044019N), co-promoter, with promoter Marie-Anne Vanderhasselt. 01/01/2019 - 31/12/2022. Grant: € 242.050.
7. The influence of positive memories on stress resilience: An experimental investigation of neurobiological and cognitive mechanisms. Research Foundation Flanders (FWO-Vlaanderen). Promoter postdoctoral fellowship of Maud Grol 1/10/2018 - 30/06/2021. Grant: € 265.000.
8. Understanding the causal role of attention biases in depression: Experimental manipulation of attention using eye-tracking techniques. Research Foundation Flanders (FWO-Vlaanderen). Co-promoter with promoter Ernst Koster postdoctoral fellowship of Alvaro Sanchez 1/10/2017 - 30/03/2019. Grant: € 265.000.
9. The role of prefrontal control in anticipatory and reactive stress regulation: an integrative psychoendocrinological and neurocognitive approach. Research Foundation Flanders (FWO-Vlaanderen). Promoter postdoctoral fellowship of Matias Pulopulos 1/10/2018 - 25/06/2020. Grant: € 265.000.
10. The role of expectancy and proactive control on stress regulation: a neurocognitive investigation. Special Research Fund Ghent University (BOF). Promoter postdoctoral fellowship of Matias Pulopulos 15/2//2017 - 30/09/2018. Grant: € 265.000.
11. "You've been defriended": The influence of social media on self- esteem (in)stability and depression vulnerability. Co-promoter with promotor Ernst H.W. Koster PhD fellowship (UGent BOF) of Lien Faelens. 01/10/2016 – 30/09/20. Grant: € 200.000.

12. Improving resilience and well-being in depression: The development of innovative neurocognitive interventions. Special Research Fund Ghent University (GOA-BOF). Concerted Research Action (BOF16/GOA/017). Main promoter/spokesperson with promoters Ernst H.W. Koster, Gilles Pourtois, and Chris Baeken. Concerted Research Action. 01/01/2016 – 31/12/20. Grant: € 1.200.000.
13. The temporal dynamics of emotion regulation: the role of emotion sensitivity and anticipation. Research Foundation Flanders (FWO-Vlaanderen). Research project (G015614N), promoter, with co-promoter Marie-Anne Vanderhasselt. 01/01/2014 - 31/12/2018. Grant: € 287.500.
14. Personality factors and emotional information processing in older adults. Research Foundation Flanders (FWO-Vlaanderen). Promoter with Gina Rossi (Free University of Brussels). PhD fellowship of Priska Steenhaut. 01/10/2014 - 30/09/2018. Grant: € 195.000.
15. The development of a new intervention strategy to increase stress resilience: training eye movements towards positive information. Research Foundation Flanders (FWO-Vlaanderen). Co-promoter with promoter Ernst Koster postdoctoral fellowship of Alvaro Sanchez 1/10/2014 - 30/09/2017. Grant: € 250.000.
16. New developments in attachment theory: the mechanisms and role of attachment related attentional processes. Research Foundation Flanders (FWO-Vlaanderen). Research project (G093412), co-promoter, with promoter Guy Bosmans (University of Leuven). 01/01/2012 - 31/12/2015. Grant: € 264.000.
17. Feeling versus thinking: a search for the determinants of fear acquisition and extinction. An Raes. Special Research Fund Ghent University (BOF). Promoter postdoctoral fellowship of An Raes 1/10/2011 - 30/09/2013. Grant: € 250.000.
18. The association between attentional processing for emotional material and emotion regulation strategies. Research Foundation Flanders (FWO-Vlaanderen). Promoter postdoctoral fellowship of Marie-Anne Vanderhasselt. 1/10/2011-30/09/2014. Grant: € 250.000.
19. Cognitive vulnerability to recurrent depression and the default mode network: a cognitive neuroscience investigation. Special Research Fund Ghent University (BOF). Research project, co-promoter, with promoter Ernst Koster (Ghent University). 01/10/2010 - 31-09-2012. Grant € 92.000.
20. A cognitive-neuroscience approach to resilience and depression: the processing of positive information. Special Research Fund Ghent University (GOA-BOF). Concerted Research Action (BOF10/GOA/014). Main promoter/spokesperson with promoters Ernst H.W. Koster & Gilles Pourtois, and co-promoter Guy Vingerhoets. Concerted Research Action. 01/01/10 - 31/12/15. Grant: € 1.100.000.
21. Vulnerability for depression during the life span: the influence of time perspective on attentional bias for negative versus positive interpersonal information. Special Research Fund Ghent University (BOF). Research project, promoter. 01/1/2009 - 31/12/2012. Grant: € 185.000.
22. A cognitive/neuropsychological investigation on attention processes in depression. Research Foundation Flanders (FWO-Vlaanderen). Promoter PhD fellowship of Evi De Lissnyder. 01/10/2007 - 30/09/2011. Grant: € 185.000.
23. The role of cognitive control in depression: an experimental investigation of underlying neurobiological working mechanisms. Research Foundation Flanders (FWO-Vlaanderen). Promoter postdoctoral fellowship of Marie-Anne Vanderhasselt. 1/10/2008-30/09/2011. Grant: € 250.000.
24. The role of reappraisal processes in extinction based on cognitive, behavioral and neurobiological models. Research Foundation Flanders (FWO-Vlaanderen). Promoter PhD fellowship of An Raes. 01/10/2006 - 30/09/2011. € 185.000.

25. The role of attention and cognitive control in depression: an experimental investigation of underlying neurobiological working mechanisms. Special Research Fund Ghent University (BOF). Research project, promoter. 01/1/2007 - 31/12/2008. Grant: € 83.000.
26. Vulnerability to depression: Research into the causal status of attentional processes and the effect of attentional retraining through the manipulation of attentional bias. Special Research Fund Ghent University (BOF). Promoter PhD fellowship of Saskia Baert. 01/10/2005 - 30/09/2009. € 150.000.
27. The role of inhibitory processes regarding reactivity to depressogenic stimuli in adults and older adults. Special Research Fund Ghent University (BOF). Research project, promoter. 01/01/2003 - 31/12/2006. Grant: € 143.400.
28. The automatic activation of latent depressogenic self-schemas as a psychological vulnerability marker for depression. Research Foundation Flanders (FWO-Vlaanderen). Research project (G.0188.03), promoter. 01/01/2003 - 31/12/2006. Grant: € 222.500.

(b)Funding: miscellaneous

1. **Ghent University Research for Aging Young.** Special Research Fund Ghent University (BOF). Interdisciplinary Research Consortium aimed at creating social impact. 01/10/2020 – 30/09/2024. Co- promoter, with co-promoters from different disciplines at Ghent University. Main promoter Greet Cardon. Grant: € 525.000.
2. **Working together towards mental health.** Special Research Fund Ghent University (BOF). Interdisciplinary Research Consortium aimed at creating social impact. 01/07/2018 – 30/06/2023. Co- promoter, with co-promoters from different disciplines at Ghent University. Main promoter Ann Buysse. Grant: € 525.000.
3. **The relationship between maladaptive characteristics of rumination and cognitive control: towards the development of a new neurocognitive intervention.** Research Foundation Flanders (FWO-Vlaanderen). Travel grant for research collaboration during a long term stay abroad. University of New South Wales, Sydney, Australia. 03/02/2014 – 27/03/2014. Grant: € 3800.
4. **TOBII TX300 eye tracker with TOBII Studio, E-Prime and Matlab extension.** Special Research Fund Ghent University (BOF). Funding for the acquisition of lab material. 2013. Co-promoter (with Rob Hartsuiker & Geert Crombez), promoter: Sven Mueller. Grant: € 44.750.
5. **Psychopathology and Information Processing in Older Adults (PIPO).** Special Research Fund Ghent University (BOF). Funding for the management of an interuniversity research group Ghent University - Free University of Brussels. 2013-2021. Grant: € 22.500.
6. **PSYNC. Resercah Consortium in Clinical Psychology.** Special Research Fund Ghent University (BOF). Research Consortium. 01/07/2013 – 30/06/2018. Co- promoter, with co-promoters from all clinical psychology departments and main promoter Ann Buysse. Grant: € 475.000.
7. **Development of the concept of perceived control: a clinically relevant transdiagnostic concept for resilience and psychopathology.** Research Foundation Flanders (FWO-Vlaanderen). Travel grant for research collaboration during a long term stay abroad. Harvard University, Cambridge, MA. USA. 14/02/2013-13/07/2013. Grant: € 8250.
8. **Changing automatic processes in psychopathology and health related behavior.** International Research Community (FWO-Vlaanderen). Funding for coordination of a scientific research network at postdoctoral level. Co-promoter (with Geert Crombez), promoter Jan De Houwer. 2012-2016. Grant: € 62.500.
9. **Development of a new experimental paradigm to train the use of positive memories to overcome stress.** Research Foundation Flanders (FWO-Vlaanderen). Travel grant for research collaboration during a long term stay abroad. University of Miami, Coral Gables, FL, USA. 01/02/2010-30/04/2010. Grant: € 4950.

10. Automatic processes in psychopathology and health related behavior. International Research Community (FWO-Vlaanderen). Funding for coordination of a research network at postdoctoral level. Co-promoter (with Geert Crombez); promoter: Jan Houwer. 2006-2011. Grant: € 62.500.
11. Funding for the organization of a scientific meeting in Belgium. Research Foundation Flanders (FWO-Vlaanderen). Promoter "Third Meeting on Experimental Psychopathology (24/05/06)". Grant: € 1.675.
12. Integrated online learning system for reasoning and communication skills in a blended casus based learning environment. Development online learning environment for problem focused learning. Projects Open Parallel Pathways (OPL). 2005-2006. Project co-promoter; with promoter Paulette Van Oost. Grant: € 90.000
13. E-Learning in Psychology: Multimedial and web based implementation in a skillslab environment. Covenant project Ghent University. 2002-2005. Project co- promoter, with promoter Paulette Van Oost. Grant: € 142.100.

5. AWARDS/RECOGNITIONS

Selected as Fellow of the Association for Psychological Science, in recognition of sustained outstanding contributions to the advancement of psychological science (2016).

Révész honorary chair at the Graduate School of Psychology of the University of Amsterdam (2016).

Award for Psychogeriatric Research of the "Psychogeriatric Foundation". Cognitive/neuropsychological functioning and compensation related to car driving performance in older adults (2001).

First Daniel Bobon Poster Price of the "Belgian College of Neuropsychopharmacology and Biological Psychiatry". Cerebral blood flow related to induction of a depressed mood within and out of the realm of attention in normal volunteers (1995).

6. SUPERVISION

(a) Supervisor Ph.D. students (current)

1. Tatjana Gauwloos. Research into experiential avoidance, rumination and the link with psychological and somatic complaints in bipolar disorder. Co-supervisor with Dr. Livia De Picker, & supervisor Manuel Morrens UPC Duffel, SINAPS-CAPRI, University of Antwerp. 01/10/2022 - 30/09/2024.
2. Emmanuelle Schoonjans. Physical exercise to bounce back from perseverative cognition: focus on bottom-up and top-down influences of the heart-brain nexus. Funded by Research Foundation Flanders (FWO-Vlaanderen). Research project, co-supervisor, with supervisor Marie-Anne Vanderhasselt. 01/2/2022 - 31/01/2026.
3. QinYuan Chen. Modeling dynamic functional brain connectivity during the reception of critique and praise. Funded scholarship from the Chinese Scholarship Council (CSC). Co-supervisor, with supervisor Chris Baeken. 01/10/2020 – 30/09/2024. Ghent University.
4. Jente Depoorter. The integration of cognitive training with emotion regulation training: from a mechanistic approach towards the development of a clinical intervention. Funded by Ghent University: research and teaching assistant. Supervisor, with co-supervisor Ernst Koster. 01/10/2020 – 30/09/2026. Ghent University.

5. Xenia Brancart. Personality types and individual differences in information processing in older adults. Funded by the University of Brussels: research and teaching assistant. Joint PhD, UGent Supervisor, with VUB supervisor Gina Rossi. 01/10/2020 - 01/10/2020 – 30/09/2026. University of Brussels/Ghent University.
6. Sarah Struyf. Online attention and interpretation bias training for depression. Funded by Ghent University: research and teaching assistant. Co-supervisor, with supervisor Ernst Koster. 01/10/2019 – 30/09/2025. Ghent University.

(b) Mentor postdoctoral research fellows (current)

Matias Pulpulos. Biobehavioral triadic dynamics of stress resilience transmission in families. 01/03/2022 – 30/09/2026

Jens Allaert. Harnessing the power of placebo with prefrontal transcranial direct current stimulation: an experimental psychopathological research line. 1/10/2022 – 30/09/2025

(c) Supervisor Ph.D. students (former)

1. Roland Rogiers. "DROP IT" A cognitive-behavioral group intervention focusing on repetitive negative thinking. Co-supervisor, with Gilbert Lemmens & Chris Baeken. Ph.D. in Health Sciences obtained on December 20, 2023. Ghent University.
2. Jens Allaert. Exploring underlying mechanisms in the relationship between regret, rumination and depression. Co-supervisor, with Marie-Anne Vanderhasselt. Ph.D. in Health Sciences obtained on June 23, 2022. Ghent University.
3. Lien Faelens. They've got more likes than you": Towards a better understanding of the association between social media use and well-being. Co-supervisor, with Ernst H.W. Koster. Ph.D. in Psychology obtained on January 14, 2021. Ghent University.
4. Malvika Godara. From fundamental research on context dependent affective flexibility towards the development of new training procedures. Supervisor, with Alvaro Sanchez. Ph.D. in Psychology obtained on August 21, 2020. Ghent University.
5. Selene Nasso. The role of anticipation in the temporal dynamics of emotion regulation: A psychophysiological approach. Supervisor, with Marie-Anne Vanderhasselt. Ph.D. in Psychology obtained on October 9, 2018. Ghent University.
6. Priska Steenhaut. Personality factors and emotional information processing in older adults. Supervisor, with Gina Rossi (University of Brussels). Ph.D. in Psychology obtained on July 2, 2018. Joint PhD Ghent University and University of Brussels.
7. Joke Heylen. Attachment and the capacity for self-regulation in preadolescence. Co-supervisor, with Guy Bosmans (University of Leuven). Ph.D. in Psychology obtained on september 19, 2017. University of Leuven.
8. Romain Duprat. Accelerated intermittent theta-burst stimulation in major depressive disorder. Focus on the reward system. Co-supervisor, with Chris Baeken. Ph.D. in Health Sciences obtained on April 24, 2017. Ghent University.
9. Jonathan Remue. The relationship between brain functioning, self-esteem and attentional processes in depression: an experimental approach. Supervisor. Ph.D. in Psychology obtained on September 16, 2016. Ghent University.
10. Adinda Dujardin. Attachment and emotion-regulation in middle childhood: The role of mother-related information processing, support-seeking towards mother, and maternal secure base support. Co-supervisor, with Caroline Braet and Guy Bosmans (University of Leuven). Ph.D. in Psychology obtained on February 17, 2015. University of Leuven.

11. Maud Grol. The influence of positive memories on stress resilience: an experimental investigation of neurobiological and cognitive mechanisms. Supervisor. Ph.D. in Psychology obtained on September 16, 2014. Ghent University.
12. Igor Marchetti. Resting state and cognitive vulnerability to depression: a neurocognitive investigation. Co-supervisor, with Ernst Koster. Ph.D. in Psychology obtained on May 19, 2014. Ghent University.
13. Ineke Demeyer. Attentional bias and affective well-being over the course of life: the role of future time perspective. Supervisor. Ph.D. in Psychology obtained on november 30, 2012. Ghent University.
14. Evi De Lissnyder. Depression, Rumination, and cognitive control: a cognitive-experimental investigation. Supervisor. Ph.D. in Psychology obtained on June 17, 2011. Ghent University.
15. An Raes. The role of automaticity and higher-order cognitions in fear acquisition and extinction: an experimental investigation. Supervisor, with co-supervisor Wim Fias. Ph.D. in Psychology obtained on May 9, 2011. Ghent University.
16. Anouk Vanden Bogaerde. The nature of fear of flying: exploring possible underlying mechanisms in the acquisition of flight anxiety. Supervisor. Ph.D. in Psychology obtained on January 25, 2011. Ghent University.
17. Saskia Baert. Vulnerability to depression: studying the causal status of attentional processes and the effect of attentional training through the manipulation of attentional bias. Supervisor. Ph.D. in Psychology obtained on November 10, 2009. Ghent University.
18. Lemke Leyman. Attentional bias in depression: an integration of cognitive and neurobiological models. Supervisor. Ph.D. in Psychology obtained on June 15, 2009. Ghent University.
19. Chris Baeken. The neurobiological impact of high frequency repetitive transcranial magnetic stimulation on the underlying neurocircuitry of depressed mood. Supervisor with Axel Bossuyt. Ph.D. in Medical Science obtained on June 11, 2009. Free University of Brussels.
20. Marie-Anne Vanderhasselt. The role of attention and cognitive control in depression: an experimental investigation of underlying neurobiological working mechanisms. Supervisor. Ph.D. in Psychology obtained on April 30, 2008. Ghent University.
21. Erik Franck. Vulnerability for depression. The quest toward different dimensions of self-esteem. Supervisor. Ph.D. in Psychology obtained on June 21, 2007. Ghent University.
22. Ellen Gorus. Reaction times, performance variability and attention: promising markers for the differentiation between normal aging and Alzheimer's disease? Co-supervisor with Tony Mets. Ph.D. in Gerontology obtained on December 6, 2007. Free University of Brussels.

(d) Mentor postdoctoral research fellows (former)

1. Maud Grol (2014-2015; 2018-2021). The role of expectancy and proactive control in stress resilience: an experimental approach; The road to resilience: The role of cognitive flexibility in emotion regulation and stress resilience.
2. Marie-Anne Vanderhasselt (2008-2020). The role of cognitive control in depression: an experimental investigation of underlying neurobiological working mechanisms.
3. Matias Pulopulos (2017-2020). The role of expectancy and proactive control on stress regulation: a neurocognitive investigation.
4. Sophie Vandenbroucke (2016-2018). The role of self-esteem, expectation, and control processes in the experience of stress: a network approach.

5. Alvaro Sanchez (2013-2018). The development of a new intervention strategy to increase stress resilience: training eye movements towards positive information.
6. Ineke Demeyer (2013-2016). Information processing and emotion regulation in older adults.
7. Alexandre Heeren (October 2012 - May 2013). Impact of Anodal and Cathodal transcranial Direct Current Stimulation over the Left Dorsolateral Prefrontal Cortex during Attention Bias Modification: an Eye-tracking Study
8. Anouk Vanden Bogaerde (2011-2014). Interoceptive awareness in depression and anxiety.
9. An Raes (2011- 2013). Feeling versus thinking: a search for the determinants of fear acquisition and extinction.
10. Jun Moriya (2011- 2013). The influence of working memory on visual search for facial expressions.

(e) Supervisor (main promoter) Master thesis students (former)

2001-2023: 176 graduated master students

7. SCIENTIFIC ACTIVITIES

(a) Visiting Scholar

University of New South Wales, Sydney, Australia. 03/02/2014-28/03/2014. Visiting Professorial Fellow, research collaboration with Prof. Michelle Moulds. The development of a new neurocognitive intervention based on the relationship between maladaptive characteristics of rumination and cognitive control.

Harvard University, Cambridge, MA, USA. 14/02/2013-13/07/2013. Research collaboration with Prof. Jill Hooley. Development of the concept of "Anticipatory Sense of Control", as a clinically relevant transdiagnostic concept related to the neurocognitive mechanisms of resilience and psychopathology.

University of Miami, Coral Gables, FL, USA. 01/02/2010-30/04/2010. Research collaboration with Dr. Jutta Joormann. Development of a new experimental program to train the use of positive memories to enhance resilience.

(b) International research collaboration past and current

Alvaro Sanchez-Lopez. Complutense University of Madrid. The development of a cognitive training smartphone App, as an intervention for attention control and interpretation bias to increase resilience. PhD student: Sarah Struyf.

Jill Hooley. Harvard University, USA. Neuropsychobiological mechanisms behind anticipatory stress regulation and the physiological response to perceived criticism. Postdoctoral research fellow: Matias Pulpulos.

Jutta Joormann. Yale University, USA. Impact of cognitive risk factors on emotion regulation and the development of depression, stress & anxiety during the COVID-19 pandemic. Ph.D student: Malvika Godara.

Jutta Joormann. University of Miami, USA. Training the use of positive memories to enhance resilience in depressed patients: An experimental study investigating the underlying working mechanisms of stress recovery. Graduate student: Kimberly A. Arditte (University of Miami).

Richard J. McNally. Harvard University, USA. Cognitive control training: an experimental computer-based and mobile app intervention to reduce anxiety symptoms. Graduate student: Philip M. Enock (Harvard University).

Diego Pizzagalli. Harvard University, USA. Emotional control for sad faces in remitted depression: An Event Related Potentials study. Postdoctoral research fellow: Marie-Anne Vanderhasselt.

Jill Hooley. Harvard University, USA. The influence of rTMS over the Dorsolateral Prefrontal Cortex on brain activity during critique: An fMRI study. Ph.D. student: Jonathan Remue.

Paulo Boggio. Mackenzie Presbyterian University, Sao Paulo, Brazil. Combining neuromodulation and cognitive training to increase resilience for depression. Postdoctoral research fellow: Marie-Anne Vanderhasselt.

Paula Hertel. Trinity University, USA. The effect of rumination induction on rumination and stress resistance. Ph.D student: Maud Grol.

Nazanin Derakshan. Birkbeck University of London. Depressive symptoms and cognitive control in a mixed antisaccade task: Specific effects of depressive rumination. Ph.D student: Evi De Lissnyder.

(c) Organization symposia and meetings

1. Geneva (CH). 26-29/06/2023. Organisation Symposium (with Matias Pulopulos & Greta Miknevičiute). Neurocognitive and psychophysiological mechanisms behind stress anticipation and their role in stress regulation. *21st World Congress of Psychophysiology*.
2. Mons (B). 26/05/2023. Organisation symposium. Stress in social situations from childhood to old age: From fundamental research on physiological mechanisms towards new avenues for prevention and intervention. *Annual Meeting of the Belgian Association of Psychological Science*.
3. Brussels (B). 10/11/2023. Organisation Symposium (with Matias Pulopulos). Autonomic cardiovascular activity as a transdiagnostic marker of stress-related disorders: Novel findings and their implications. *International Convention of Psychological Science, ICPS (Association for Psychological Science, APS)*.
4. Ljubljana (SLO). 5-8/07/2022. Organization symposium: Neuromodulation as an experimental tool to investigate the neural mechanisms underlying emotion regulation: from fundamental research towards the development of novel transdiagnostic interventions. *17th European Congress of Psychology*.
5. Ghent (B). 12-13/09/2019. Organization Expert meeting (with Marie-Anne Vanderhasselt, Ernst Koster & Chris Baeken): Innovative interventions in depression combining cognitive interventions and non-invasive brain stimulation. *Psychopathology and Affective Neuroscience Lab, Ghent University*.
6. Washington (USA). 23-26/05/2019. Organisation symposium (with Matias Pulopulos): Before it happens: The role of anticipation in stress regulation. *31st Convention of the Association for Psychological Science*.
7. San Diego (USA). 16/11 – 19/11/2017. Organisation symposium (with Alvaro Sanchez): “Neurocognitive interventions: Gaze–contingent techniques to target attention biases in Psychological Disorders”. *51st Annual convention of the Association for Behavioral and Cognitive Therapies*.
8. Miami (USA). 9/04 – 12/04/15. Organisation symposium (with Laura De Putter): “Cognitive training and transcranial direct current stimulation: New neurocognitive approaches to the treatment of depression”. *Anxiety and Depression Association of America Conference: Translating research into innovating practice*.

9. Antwerp (Belgium). 11/12/15. Organization 34th Meeting Theory and Practice Flemish Association for Behavioral Therapy (with Ernst Koster). Transdiagnostic processes: recent developments in the conceptualization of psychopathology and the implications for treatment.
10. Philadelphia (USA). 20/11-22/11/14. Organisation symposium: "Re-Examining the Relationship Between Implicit Cognition and Psychopathology: The Role of Associative and Propositional Processes". 48st Annual convention of the Association for Behavioral and Cognitive Therapies.
11. Damme (Belgium). 28/06/14 – 30/06/14. Organisation expert meeting: "Cognitive Mechanisms in Repetitive Thinking". *Clinical Cognition Meetings. Scientific Research Community – Changing automatic processes in psychopathology and health related behavior*. Funded by the Research Foundation Flanders. (WOG); and the Concerted Research Action, Special research Fund Ghent University.
12. Ghent (Belgium). 7/12/12. Organization 31th Meeting Theory and Practice Flemish Association for Behavioral Therapy. Behaviour Therapy in children and adults with autism and ADHD.
13. Geneva (Switzerland). 29/08/12 - 01/09/12. Organization symposium: "Neural mechanisms underlying cognitive and physiological stress resilience: the basics for the development of new interventions?". 42nd Congress of the European Association for Behavioural and Cognitive Therapies.
14. Reykjavic (Iceland). 31/08-03/09/11. Organization symposium: "Focusing attention internally: a crucial cognitive mechanism in depression". 41st Congress of the European Association for Behavioural and Cognitive Therapies.
15. Ghent (B). 27/01- 28/01/11. Co-organization (Pourtois, G., Koster, E.H.W., & De Raedt, R.) International special interest meeting "Emotional attention: Bottom-up and top-down influences of emotion on attention". *Scientific Research Community - Automatic processes in psychopathology and health related behavior*. Funded by the Research Foundation Flanders. (WOG).
16. Ghent (B). 03/12/10. Organization 29th Meeting Theory and Practice Flemish Association for Behavioral Therapy. Trauma and personality disorders.
17. San Fransisco (USA). 18/11- 21/11/10. Organization symposium "Changing the underlying working mechanisms of depression: Unifying neurobiological, cognitive and information processing perspectives". 44th Annual convention of the Association for Behavioural and Cognitive Therapies.
18. Dubrovnik (HR). 16/09 - 19/09/09. Organization symposium "Underlying working mechanisms of exposure: From the lab to clinical practice". 39th Congress of the European Association for Behavioural and Cognitive Therapies.
19. Leuven. (B). 06/08 - 08/08/09. Organization symposium "Neurobiological perspectives on the interplay between emotional and attentional processing in depression". *International Society of Research on Emotion Conference*.
20. Brussels (B). 03/06/09. Organization invited symposium "Neurobiological perspectives on attention processes related to depression". *Annual meeting of the Belgian Association of Psychological Science*.
21. Utrecht (NL). 29/05/09. Co-organization (Roelofs, J., & De Raedt, R.) *Annual meeting of the Dutch-Flemish Postgraduate School for Research and Education in Experimental Psychopathology*.

22. Ghent (B). 17/12-19/12/08. Co-organization (De Raedt, R., Koster, E.H.W., & Vanderhasselt, M.A.) International special interest meeting "Neurobiological perspectives on attention processes related to depression". *Scientific Research Community - Automatic processes in psychopathology and health related behavior*. Funded by the Research Foundation Flanders. (WOG).
23. Ghent (B). 05/12/08. Organization 27th Meeting Theory and Practice Flemish Association for Behavioral Therapy. One therapist for all: Behavioral therapy for everybody? Work with users, groups and teams.
24. Helsinki (FIN). 10/09-13/09/08. Organization symposium "From the cradle to old age: Attentional bias for emotional information as a cognitive vulnerability factor evolving over the lifespan". 38th Congress of the European Association for Behavioural and Cognitive Therapies.
25. Waikoloa, Hawaii (USA). 06/02-09/02/08. Organization symposium "Cognitive neuroscience and experimental psychopathology: A transdisciplinary approach towards a better understanding of depression vulnerability". 36th Annual Meeting of the International Neuropsychological Society.
26. Barcelona (E). 11/07-14/07/07. Organization symposium: "Information-processing of emotion in depression: Clinically relevant insights from cognitive neuroscience". 5th World Congress of Behavioural and Cognitive Therapies.
27. Ghent (B). 01/12/06. Organization 25th Meeting Theory and Practice Flemish Association for Behaviour Therapy - Anxiety exposed again.
28. Ghent (B). 20/05/06. Co-organization (Koster, E.H.W., De Houwer, J., De Raedt, R., & Crombez, G.). and Promoter Third Meeting on Experimental Psychopathology. Funded by the Research Foundation-Flanders.
29. Chicago (USA). 16/11-19/11/06. Organization symposium "Focussing on emotion: identifying core cognitive vulnerabilities in depression using experimental paradigms". 40th Annual convention of the Association for Behavioural and Cognitive Therapies.
30. Paris (FR). 20/09-23/09/06. Organization symposium "Impaired inhibition and disengagement of negative affect as a vulnerability factor for depression: from experimental research to clinical practice". 36th Congress of the European Association for Behavioural and Cognitive Therapies.
31. Ghent (B). 27/05/05. Organization symposium "Cognitive vulnerability in depression and anxiety: Processing biases and their modification". Annual meeting of the Belgian Association for Psychological Sciences.
32. Ghent (B). 03/12/04. Organization 23rd Meeting Theory and Practice Flemish Association for Behaviour Therapy. New developments in the treatment of depression.
33. Manchester (UK). 08/09-13/09/04. Organization symposium "The hide and seek of cognitive vulnerability markers for depressed mood: Empirical data on implicit attitudes, attention and inhibition". 34th Congress of the European Association for Behavioural and Cognitive Therapies.
34. Prague (CZ). 10/09-13/09/03. Organization symposium "Advanced understanding of psychopathology: decomposing attentional bias to enhance clinical relevance". 33rd Congress of the European Association for Behavioural and Cognitive Therapies.
35. Ghent (B). 06/12/ 2002. Organization 21st Meeting Theory and Practice Flemish Association for Behaviour Therapy. Aggression.

36. Maastricht (NL). 18/09-21/09/02. Organization symposium "Implicit cognition and emotional disorders: a tapestry of experimental paradigms with clinical relevance". 32nd Congress of the European Association for Behavioural and Cognitive Therapies.

(d) Presentations: self-presented keynotes, lectures, talks and discussions at international conferences

1. Louvain-La-Neuve (B). 22-23/05/2023. *GREPACO Cognitive Psychopathology Reflection group meeting*. Keynote. From experimental research on transdiagnostic mechanisms towards an integrative neurocognitive process based approach to psychotherapy.
2. Virtual conference (Israel). 13-15/02/2022. *Inaugural Conference for the Association for Cognitive Bias Modification*. Member expert panel. Open research Discussions: Attention/attentional Control.
3. Virtual conference (USA). 16-21/11/21. 55th *Annual convention of the Association for Behavioral and Cognitive Therapies*. Talk symposium. The Neural Pathways Underlying Negative Self-referential Processing: An Experimental Investigation Using Neuromodulation in the Fmri Scanner.
4. Virtual conference (USA). 18-19/03/21. *Anxiety and Depression Association of America Conference: Resilience and Recovery: From Research to Practice*. Invited discussant round table "Combining CBT and Interventional Psychiatry: Opportunities in Treatment Resistant Depression".
5. Virtual conference (USA). 18-19/03/21. *Anxiety and Depression Association of America Conference: Resilience and Recovery: From Research to Practice*. Invited discussant symposium "The Problem is I Can't Stop Thinking: Examining the Mechanisms and Treatment of Repetitive Negative Thinking".
6. Ghent (B) 12-13/09/2019. *Expert meeting. Innovative interventions in depression combining cognitive interventions and non-invasive brain stimulation*. Lecture. Research in the Psychopathology and Affective Neuroscience Lab: from fundamental research towards the development of innovative treatments for depression.
7. Lyon (Fr). 17-20/10/2018. 3rd *European Conference on Brain stimulation in Psychiatry. From Mechanisms to Medicine*. Invited talk symposium. The influence of tDCS on prefrontal functional connectivity upon being criticized.
8. San Diego (USA). 16-19/11/2017. 51th *Annual convention of the Association for Behavioral and Cognitive Therapies*. Talk symposium. Neurocognitive mechanisms behind emotional attention: Gaze disengagement from emotional faces.
9. San Diego (USA). 16-19/11/2017. 51th *Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited member panel discussion. Translational collaborations to further integration and exploration of neural mechanisms across diverse treatment contexts.
10. San Diego (USA). 16-19/11/2017. 51th *Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited discussant symposium. How can momentary ecological assessment help us understand mood and anxiety pathology better.
11. Heeze (NL). 1-2/12/2016. *Symposium Dutch-Flemish Postgraduate School for Research and Education in Experimental Psychopathology – Emotion regulation*. Invited lecture. The neural bases of emotion regulation: what can we learn from it for the treatment of depression.
12. Veldhoven (NL). 10-11/11/2016. *Annual Conference of the Dutch Association of Behaviour Therapy*. Keynote: Behaviour therapy and neuroscience, towards the development of new interventions for depression.

13. New York (USA). 27-30/10/2016. *50th Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited lecture pre-conference institute. Novel developments in cognitive training and Synergistic Brain focused intervention strategies.
14. Madrid (ES). 17-18/10/2016. *Advanced International Seminar. Complutense University of Madrid. The role of positive emotions and cognitions in psychology: New frontiers and challenges*. Invited lecture. The influence of positive emotions versus rumination on attentional breadth: Implications for a neurocognitive approach to resilience.
15. Stockholm (S). 31/8-3/9/2016. *46th Congress of the European Association for Behavioural and Cognitive Therapies*. Invited discussant symposium. Cognitive remediation therapies for affective disorders :Recent advances in cognitive training studies.
16. Chicago (USA). 12-15/11/2015. *49st Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited talk symposium. The Role of Prefrontal Control in the Modulation of Physiological Stress Responses: An Experimental Neurostimulation Study.
17. Amsterdam (NL). 12-14/03/2015. *International Convention of Psychological Science*. Invited talk symposium. The link between rumination and interoceptive awareness.
18. Philadelphia (USA). 20-22/11/2014. *48st Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited lecture pre-conference institute. Putting neurobehavioral interventions in a larger perspective.
19. Ghent (B). 04/10/14. 5th Belgian Brain Congress. *Modulating the brain: Facts, Fiction, Future*. Invited lecture. Cognitive training in depression.
20. Ghent (B). 17/09/14. *Symposium: Affect and cognition: From fundamental research to the clinical field*. Talk. A cognitive-neuroscience approach to resilience and depression: The processing of positive information.
21. The Hague (NL). 11/09-13/09/14. *42th Congress of the European Association for Behavioural and Cognitive Therapies*. Discussant symposium. Trust in caregiver's support: Towards the operationalization of attachment in CBT.
22. Damme (B). 28-30/06/14. *Clinical Cognition Meeting*. Lecture. From research on mechanisms towards the development of neurocognitive interventions to increase resilience: the role of expectancy and proactive control.
23. Brussels (B). 05/06/14. *We Care. Workshop on Wireless and wearable enabling technologies for high quality and affordable healthcare*. Invited lecture. The use of sensors in early stress detection: Towards an innovative approach to prevention in mental health care.
24. Leuven (B). 12/12/2013. *2nd International Meeting of the Scientific Research Network on Temperamental and Cognitive Vulnerability to the Disregulation of Affect and Behavior*. Invited lecture. The mechanisms of cognitive control in the development of depression: Testing hypotheses on the neural correlates of cognition-emotion interactions using neuroimaging & neurostimulation.
25. Nashville (US). 21/11-24/11/2013. *47st Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited lecture pre-conference institute. The use of neurostimulation as a neurocognitive intervention: Possibilities, limitations and future challenges.
26. Washington (US). 23/05-26/05/13. *25th Annual Convention of the Association for Psychological Science*. Invited talk symposium. Modification of Self-Referent Thought Processes by Neuromodulation of Emotional Working Memory Using Transcranial Direct Current Stimulation.
27. National Harbor (US). 15/11-18/11/12. *46st Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited lecture meeting Special Interest Group Neurocognitive Therapies. Combined cognitive and neuromodulation approaches to increase stress resilience.

28. National Harbor (US). 15/11-18/11/12. *46st Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited talk symposium. The influence of positive mood and mood switches on acquisition and extinction of fear.
29. National Harbor (US). 15/11-18/11/12. *46st Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited discussant Symposium. Modifying cognitive biases: Emerging data on applications and effects on clinical disorders.
30. Sao Paulo (Brazil). 17/09-19/09/12. *International Symposium on Neuromodulation*. Invited lecture. Neurobiological and cognitive mechanisms of repetitive Transcranial Magnetic Stimulation for the treatment of major unipolar depression.
31. Sao Paulo (Brazil). 17/09-19/09/12. *International Symposium on Neuromodulation*. Invited lecture. Combined cognitive and neuromodulation approaches to increase stress resilience.
32. Geneva (Switzerland). 29/01-01/09/12. *42nd Congress of the European Association for Behavioural and Cognitive Therapies*. Talk symposium. Neural correlates of emotion regulation: The habitual use of cognitive reappraisal is associated with enhanced cognitive control for negative information.
33. Geneva (Switzerland). 29/01-01/09/12. *42nd Congress of the European Association for Behavioural and Cognitive Therapies*. Invited discussant symposium. Self-focused attention in anxiety and depression.
34. Geneva (Switzerland). 29/01-01/09/12. *42nd Congress of the European Association for Behavioural and Cognitive Therapies*. Invited talk symposium. Emotion specific attentional bias in depression from a cognitive neuroscience perspective.
35. Reading (UK). 17/04/12. *Neural Interactions and Affect: Basic & Clinical Perspectives*. Invited lecture. Neuromodulation as a tool to investigate causal mechanisms underlying vulnerability for depression: Towards the development of stress resilience training.
36. Utrecht (NL). 09/03/12. *Annual Meeting of the Experimental Psychopathology Research School*. Invited lecture. Neuromodulation as an experimental tool to investigate causal mechanisms underlying vulnerability for depression: Towards the development of stress resilience training.
37. Toronto (CA). 10-13/11/11. *45st Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited discussant symposium. Implicit Cognition in Anxiety Disorders: Development, Maintenance, and Treatment.
38. Reykjavic (Iceland). 31/08-03/09/11. *41st Congress of the European Association for Behavioural and Cognitive Therapies*. Talk symposium. Impaired Internal Cognitive Control Moderates the Relationship between Stressful Events and Rumination: A Prospective Design.
39. Reykjavic (Iceland). 31/08-03/09/11. *41st Congress of the European Association for Behavioural and Cognitive Therapies*. Invited talk symposium. Mindfulness-Based Cognitive Therapy in People with Recurrent Depression leads to an Open Attention For All Emotional Experiences.
40. San Fransisco (USA). 18-21/11/10. *44nd Annual convention of the Association for Behavioral and Cognitive Therapies*. Talk symposium. The role of top-down prefrontal control in disengagement from negative information: combining transcranial magnetic stimulation, behavioural measures and neuroimaging.
41. Brussels (B). 4-6/11/10. *Annual Congress of the Psychiatric Studies Centre*. Invited lecture. Experimental psychological paradigms in psychological research.
42. Boston (USA). 02-6/06/10. *World Congress of Behavioural & Cognitive Therapies*. Invited talk symposium. Attentional bias training in depression: The influence of depression severity and the effects on physiological recovery from stress.

43. Boston (USA). 02/06/10. *Cognitive Bias Modification Expert Meeting*. Panel member discussion: Attention modification.
44. New York (USA). 19-22/11/09. *43rd Annual convention of the Association for Behavioral and Cognitive Therapies*. Talk symposium. Deficient inhibition of negative information in both younger and older depressed adults: no age related positivity bias during the depressed state.
45. Dubrovnik (HR). 16-19/09/09. *39th Congress of the European Association for Behavioural and Cognitive Therapies*. Talk symposium. Mechanisms of change in exposure: From the lab to clinical practice.
46. Leuven. (B). 6-8/08/09. *International Society of Research on Emotion Conference*. Talk symposium. The influence of attentional control on depressive symptoms: an experimental approach using repetitive Transcranial Magnetic Stimulation.
47. Brussels (B). 03/06/09. *Annual meeting of the Belgian Association of Psychological Science*. Invited lecture. Understanding vulnerability for depression from a cognitive neuroscience perspective: The interplay between increasing cognitive and neurobiological vulnerability.
48. Gent (B). 14-15/05/09. *Special Interest Meeting on cognitive bias modification in emotional disorders and addiction: New developments. Scientific Research Community – Research Foundation Flanders. (WOG): Automatic processes in psychopathology and health related behavior*. Invited lecture. Attentional retraining in depression: New findings related to time course, depression severity, and physiological recovery from stress.
49. Vught (NL). 12-13/02/09. *Symposium Dutch-Flemish Postgraduate School for Research and Education in Experimental Psychopathology - Mechanisms of therapeutic change in the emotional disorders*. Invited lecture. The interaction between cognitive and biological processes underlying mechanisms of therapeutic change in depression: is it all about exposure.
50. Ghent (B). 17-19/12/08. *Special Interest Meeting on neurobiological perspectives on attention processes related to depression. Scientific Research Community – Research Foundation Flanders. (WOG): Automatic processes in psychopathology and health related behavior*. Lecture. The causal influence of attentional processes on mood and depressive symptoms.
51. Ghent (B). 17-19/12/08. *Special Interest Meeting on neurobiological perspectives on attention processes related to depression. “Scientific Research Community – Research Foundation Flanders. (WOG): Automatic processes in psychopathology and health related behavior*. Discussant. A cognitive neuropsychological integration of attentional influences on depression”.
52. Orlando (USA). 13-16/11/08. *42nd Annual convention of the Association for Behavioral and Cognitive Therapies*. Talk symposium. Decreased attentional bias for threat in later life: The positivity effect across information processing tasks.
53. Orlando (USA). 13-16/11/08. *42nd Annual convention of the Association for Behavioral and Cognitive Therapies*. Invited talk symposium. The influence of prefrontal brain activity patterns on the inhibition of emotional information: An experimental study using repetitive transcranial magnetic stimulation.
54. Helsinki (FIN). 10-13/09/08. *38th Congress of the European Association for Behavioural and Cognitive Therapies*. Talk symposium. Decreased interference from negative stimuli at old age: The positivity effect at information processing level.
55. Helsinki (FIN). 10-13/09/08. *38th Congress of the European Association for Behavioural and Cognitive Therapies*. Talk symposium. A biopsychosocial information processing model of depression: The interplay between increasing cognitive and neurobiological vulnerability.
56. Chicago (USA). 22-25/05/08. *20th Annual convention of the Association for Psychological Science*. Invited talk symposium. Modification of inhibitory control over emotional information through repetitive transcranial magnetic stimulation of the dorsolateral prefrontal cortex.

57. Chicago (USA). 21/05/08. *Meeting expert group Clinical Cognition*. Talk. Functional neuroanatomy of cognitive bias modification.
58. Heeze (NL). 21-22/02/08. *Symposium Dutch-Flemish Postgraduate School for Research and Education in Experimental Psychopathology: Mindfulness in Depression: Science and Practice*. Invited lecture. The position of MBCT within a process oriented bio-psycho-social diathesis stress framework of depression vulnerability.
59. Waikoloa, Hawaii (USA). 06-09/02/08. *36th Annual Meeting of the international Neuropsychological Society*. Talk symposium. Depression Vulnerability: The Interplay Between Increasing Cognitive and Neurobiological Vulnerability.
60. Ghent (B). 19-21/12/2007: *Special Interest Meeting Scientific Research Community – Research Foundation Flanders. (WOG): Automatic processes in psychopathology and health related behaviour*. Talk symposium. Increasing vulnerability for depression: Modelling the interplay between cognitive and neurobiological processes.
61. Brighton (UK). 12-14/09/07: *35th Annual Conference of the British Association for Behavioural and Cognitive Psychotherapies*. Invited lecture. Impaired inhibition and maintained attention for negative information in depression.
62. Barcelona (E). 11-14/07/07. *5th World Congress of Behavioural & Cognitive Therapies*. Talk symposium. Information processing in depression: Converging evidence from clinical, experimental and neurobiological research”.
63. Chicago (USA). 16-19/11/06. *40th Annual convention of the Association for behavioral and cognitive therapies*. Talk symposium. Positive implicit self-esteem in depression.
64. Paris (FR). 20-23/09/06. *36th Congress of the European Association for Behavioural and Cognitive Therapies*. Talk symposium. Impaired inhibition and disengagement of negative affect as a vulnerability factor for depression: From experimental research to clinical practice, introductory overview.
65. Stockholm (S). 20-24/09/05. *12th congress of the International Psychogeriatric Association*. Invited talk symposium. Self-serving appraisal as a cognitive coping strategy to deal with age-related limitations: An empirical study with elderly adults in a real-life fitness to drive assessment situation.
66. Manchester (UK). 08-13/09/04. *34th Congress of the European Association for Behavioural and Cognitive Therapies*. Talk symposium. A positive bias in implicit self-esteem in currently depressed patients?.
67. Louvain-La-Neuve (B). 28/05/04. *First Meeting on Experimental Psychopathology*. Invited lecture. Indirect measures of cognitive vulnerability to depression: Self-esteem revisited.
68. Prague (CZ). 10-13/09/03. *33rd Congress of the European Association for Behavioural and Cognitive Therapies*. Talk. The exogenous cuing paradigm: a third generation attentional bias measure.
69. Maastricht (NL). 18-21/09/02. *32nd Congress of the European Association for Behavioural and Cognitive Therapies*. Talk symposium. The automatic activation of latent depressogenic self-schemas during depression.
70. Veldhoven (NL). 15-16/11/01. *Annual Conference of the Dutch Association of Behaviour Therapy*. Talk symposium. Biological and psychological models of psychopathology: directions for differential aetiology and therapeutic approaches?
71. Bern (CH). 04-07/09/2000. *International Conference on Traffic and Transport Psychology: International Association of Applied Psychology*. Talk symposium. Cognitive/neuropsychological functioning and compensation related to car driving performance in older adults.

72. Montpellier (Fr). 01/02/2000. *XXVIII Entretiens de médecine physique et de readadaptation. Les journées de Montpellier 2000. Handicap et conduite automobile*. Invited lecture. Fonctionnement cognitif/neuropsychologique, mécanismes de compensation et conduite automobile des personnes âgées.
73. Veldhoven (NL). 11-12/11/99. *Annual Conference of the Dutch Association of Behaviour Therapy*. Talk symposium. Driven behaviour and the neurotic loop: clinical evidence and neurobiological underpinnings.
74. Dresden (D). 22-25/09/99. *29th Annual Congress of the European Association of Behaviour and Cognitive Therapies*. Talk symposium. The neurotic loop model: A bio-psycho-social model of pathological externalisation behaviour in cognitive behavioural perspective.
75. Berlin (D). 07-11/07/99. *4th European Congress of Gerontology: International Association of Gerontology*. Invited talk symposium. The relationship between cognitive/neuropsychological factors and car driving performance in older adults.
76. Berkshire (UK). 28/06/99. *The methodology of driving assessment, MAVIS, Transport Research Laboratory Workshop*. Invited lecture. Predicting safe driving behaviour of older adults.
77. Washington (USA). 10-14/01/99. *78th Annual meeting of the Transportation Research Board: TRB, National Academy of Science*. Invited lecture. Identifying basic cognitive/neuropsychological sub-skills related to car driving performance in older adults and proposition of a step by step screening model for fitness to drive evaluation of elderly drivers.
78. Brussels (B). 02/12/98. *Workshop Mobility for all: Intergroup for Automobile Users, European Parliament*. Invited lecture. Mobility, car driving and ageing.
79. Veldhoven (NL). 12-13/11/98. *Annual Conference of the Dutch Association of Behaviour Therapy*. Talk symposium. The neurotic loop model.
80. Brussels (B). 26-28/10/98. *JIDITVA, International Days on Traffic Safety*. Invited lecture. Fitness to drive evaluation of elderly drivers: A multidimensional approach.
81. Dublin (IRL). 17-19/09/98. *The Older Driver, Health and Mobility Conference - Trinity College*. Invited talk symposium. Identifying basic cognitive/neuropsychological subskills related to car driving in healthy older adults.
82. Strasbourg (FR). 24-25/10/97. *38^{èmes} Assises Nationales de Médecine du Trafic : Société Française de Médecine du Traffic*. Invited talk. Influence de l'âge sur le fonctionnement cognitif en relation avec la conduite automobile à partir d'une évaluation neuropsychologique".

(e) Invited lectures and workshops at universities

1. University of Liège, Department of Psychology (B). 10/05/22. *Public seminar series PsyNCog*. Invited lecture. Neuroscience meets clinical practice: From experimental research on neurocognitive mechanisms of psychosocial stress towards the development of transdiagnostic interventions.
2. Ghent University. Interdisciplinary Consortium 'Ghent University Research for Aging Young' (B). 24/03/22. GRAY Research Day. Invited research pitch. Physical Exercise to Bounce back from Perseverative Cognition: Increasing Stress Resilience through Bottom-Up and Top-Down Influences of the Heart-Brain Nexus.
3. Radboud University, University Medical Centre (NL). 15/03/2022. *Psychiatry Research Rounds*. Invited talk. The road to stress resilience: from experimental neurocognitive research on social stress towards a model for clinical applications.

4. Donders center for Cognitive Neuroscience, Radboud University (NL). 30/04/2021. *Symposium. Prefrontal control over motivational behavior*. Neural pathways underlying prefrontal control over negative self-referential processing: an experimental approach using neuromodulation in the fMRI scanner.
5. University of Amsterdam, University Medical Centre (NL). 06/02/2019. *Symposium. Neurobiological and psychological vulnerability for recurrence of depression: current approaches and future possibilities*. The influence of vulnerability markers for depression on the effects of neurostimulation on cognitive and neural processes: avenues for a personalized medicine approach.
6. University of Amsterdam, Graduate School of Psychology (NL). 15/06/2017. *Expert meeting. What's Cooking: functional Magnetic Resonance Imaging*. Keynote. fMRI in experimental psychopathology research over the lifespan: what can and cannot be learned from it.
7. Ghent University, Clinical Developmental Psychology Research Group (B). 30/08/17. *Seminar. Lecture. Behaviour Therapy and neuroscience: The development of new therapeutic strategies*.
8. University of Amsterdam, Graduate School of Psychology (NL). 10/1 – 24/1/2017. *Workshop. Psychopathology research from a transdiagnostic multi-method approach: new directions in experimental manipulation and the use of different levels of analysis*.
9. University of Amsterdam, Graduate School of Psychology (NL). 23/11/2016. *Révész Keynote Lecture. Clinical Psychology and Neuroscience: a promising couple?*
10. University of Leuven, University Hospital Gasthuisberg, Department of Psychiatry (B). 16/10/2016. *Psychiatry Seminars. Behaviour Therapy in the context of neuromodulatory interventions*.
11. Oxford University, Oxford Centre for Emotions & Affective Neuroscience (OCEAN) lab (UK). 11/06/2015 *Cognitive Bias Modification Symposium*. From experimental research towards the development of novel CBM approaches in depression.
12. Radboud University, Department of Psychology. Nijmegen (NL). 06/05/2014. *Symposium: Cognitive biases and vulnerability for depression*. From research on the causal mechanisms underlying vulnerability for depression towards the development of neurocognitive interventions.
13. University of New South Wales, School of Psychology. Sydney (Australia). 19/03/2014. *School of Psychology Colloquium Series*. From basic research on the neural correlates of cognition-emotion interactions towards the development of neurocognitive therapies for depression.
14. Boston University, Department of Psychology (USA). 29/03/2013. *Seminars Psychotherapy and Emotion Research Lab*. From research on causal mechanisms underlying depression towards the development of stress resilience training.
15. Harvard University, Department of Psychology. Cambridge (USA). 28/03/2013. *Meeting McNally lab*. The causal mechanisms underlying vulnerability for depression: towards the development of stress resilience training.
16. Harvard University, Department of Psychology. Cambridge (USA). 26/02/2013. *Meeting Clinical Research lab*. From Cognitive Control to Proactive Control and Perceived control: the quest towards increasing resilience.
17. Mackenzie University, Department of Psychology. Sao Paulo (Brazil). 13/02/2012. *Seminar Ph.D. Program*. Attentional control and vulnerability for depression from a cognitive neuroscience perspective: a conceptual framework tested with Brain Stimulation and neuroimaging.

18. University of Maastricht, Faculty of Psychology and Neuroscience (NL). 10/02/2012. *Colloquium research masters in psychology and neurosciences*. Attentional control and vulnerability for depression from a cognitive neuroscience perspective: a conceptual framework tested with neuromodulation and neuroimaging techniques.
19. University of Babes-Bolyai, Department of Clinical Psychology and Psychotherapy. Cluj-Napoca (RO). 21/12/11. *Science week: New frontiers and Advanced Technology in Evidence Based Psychology. Symposium: New advances in cognitive bias modification: A multidisciplinary approach*. The neurobiological mechanisms underlying CBM: What can we learn from neuromodulation studies.
20. University of Zurich, Department of Psychology (CH). 05/10/11. *Research Colloquium Department of Psychology*. Attentional control and vulnerability for depression from a cognitive neuroscience perspective: A conceptual framework.
21. Ghent University, University Hospital, Department of Psychiatry and Medical Psychology (B). 10/12/10. *Symposium: Anxiety*. Learning and unlearning of anxiety within a psychobiological framework: Implicit processes or conscious cognition?
22. University of Leuven, University Hospital, Department of Psychiatry. Sint-Lambrechts-Woluwe (B). 5/11/2010. *Annual Congress of the Psychiatric Studies Centre*. Experimental psychological paradigms in psychiatric research.
23. Free University of Brussels, University Hospital, Department of Psychiatry (B). 06/10/10. *Seminar*. Research on vulnerability for depression in a cognitive neuroscience perspective: testing causal hypotheses using transcranial magnetic stimulation.
24. University of Miami, Department of Psychology (USA). 02/03/10. *Seminar*. Underlying working mechanisms of depression from a cognitive neuroscience perspective: testing causal hypotheses using Transcranial Magnetic Stimulation.
25. University of Essex, department of Psychology (UK). 03/11/09. *Seminar*. Vulnerability for depression: An experimental approach from a cognitive neuroscience perspective.
26. Ghent University. Experimental Psychopathology Research Group (B). 29/09/09. *Attention and error monitoring in psychopathology – Workshop*. Invited oral presentation: A cognitive neuroscience approach to vulnerability and resilience in depression.
27. Radboud University, Department of Psychology. Nijmegen (NL). 19-20/05/09. *Behavioural Science Institute Workshop: Cognitive processes in psychological dysfunctions*. Lecture. Understanding vulnerability for depression from a cognitive neuroscience perspective.
28. Radboud University, department of Psychology. Nijmegen (NL). 19-20/05/09. *Behavioural Science Institute Workshop. Cognitive processes in psychological dysfunctions*. Lecture. Techniques and Interpretation of findings in research on depression.
29. University of Leuven, Faculty of Psychology and Educational Sciences, and faculty of Medicine. Louvain-la-Neuve (B). 16/05/09. *Symposium: Evolutions and future perspectives in psychotherapy?* Keynote. Evolutions and future perspectives in psychotherapy : Behavior therapy.
30. University of Leuven, University Hospital Gasthuisberg, Department of Psychiatry (B). 11/02/09. *Seminar*. A biopsychosocial vulnerability model for depression: the interaction between increasing cognitive and neurobiological vulnerability.
31. Ghent University, University Hospital, Department of Psychiatry and Medical Psychology (B). 07/11/08. *Symposium Psychiatry. Innovative treatment strategies for depression*. Keynote. New therapeutic strategies within a biopsychosocial vulnerability model of depression”.

32. Ghent University, Faculty of Psychology and Educational Sciences (B). 24/10/08. *Symposium retirement celebration Prof. Dr. Paulette Van Oost. Innovations in clinical psychology: future perspectives*. Lecture. New perspectives in the treatment of depression: behaviour therapy and experimental psychopathology hand-in-hand towards the future.
33. University of Leuven, Psychological Sciences Research Institute. Louvain-la-Neuve (B). 28/05/04. *Interuniversity Meeting on Experimental Psychopathology*. Invited oral presentation. Indirect measures of cognitive vulnerability to depression: Self-esteem revisited.
34. Free University of Brussels, University Hospital, Department of Psychiatry (B). 01/04/04. *Seminar*. Is the one who cures always right? Experimental Psychopathology: from working mechanisms to clinical practice.
35. Free University of Brussels, University Hospital, Department of Psychiatry (B). 16/05/02. *Seminar*. "Evidence-based psychotherapy.
36. University of Antwerp, University Hospital, Centre for Clinical Sleep and Wakefulness Research, Department of Psychiatry (B). 21/05/99. *Symposium: Sleep, drowsiness, safety and car driving*. Invited oral presentation: Older adults, alertness and car driving.
37. Free University of Brussels, University Hospital, Department of Psychiatry (B). 08/01/98. *Seminar*. Enhanced Trauma processing with Eye Movement Desensitization and reprocessing: a critical analysis.

8. TEACHING

(a) Current courses

Course director Case studies and Practicals in Behavior Therapy, 2nd Master (Clinical Psychology), Ghent University (since 2008)

Course director Internships in Clinical Psychology, department of Experimental Clinical and Health Psychology, 2nd Master (Clinical Psychology), Ghent University (since 2008)

(b) Former courses

Developmental Psychopathology, University of Amsterdam. Révész Honorary Chair Graduate School of Psychology. Course with Prof. Dr. Reinout Wiers and dr. Bram Van Bockstaele (2016-2017)

Behavior Therapy, 1st Master (Clinical Psychology), Ghent University (2001-2016)

Clinical Psychology, 3rd Bachelor (Psychology), Ghent University (2001-2008)

Clinical Psychological Skills and Diagnosis, 3rd Bachelor (Special Education, Disability Studies and Behavioral Disorders), Ghent University (2001-2007)

Documentation and Legal Standards for Psychology Practice, 2nd Master (Psychology), Ghent University (2001-2003)

(c) Former seminars

Cognitive Psychology for Behavior Therapists, Postgraduate Training in Behavior Therapy, University of Leuven (2005-2023); Ghent University (2016-2023)

Affective Neuroscience, Inter University Postgraduate Training in Clinical Neuropsychology, Ghent University, University of Leuven, Free University of Brussels (2007-2015)

Scientist Practitioner Model, Postgraduate Training in Behavior Therapy, Ghent University (2001-2015)

Deontology of Counseling in Arbitration, Inter University Postgraduate Training Program in Arbitration regarding Family problems, Ghent University University of Antwerp, University of Leuven, Free University of Brussels (2004-2006)

Conceptual Models in Behavior Therapy, Inter University Postgraduate Training Program in Psychiatry, Ghent University, University of Leuven, Free University of Brussels (2001-2004)

Scientist Practitioner Model, Postgraduate Training Program in Behavior Therapy, University of Antwerp (1998-2000).

9. EXTERNAL SERVICE (outside the university)

(a) Ad-hoc reviewer for grant proposals & faculty positions

2020. Member of the selection committee, Assistant Professor in Biological Psychology & Clinical Psychology. Free University of Brussels, Brussels, Belgium

2020. Member of the selection committee, Assistant Professor in Research Methods & Clinical Psychology. Free University of Brussels, Brussels, Belgium

2020. Deutsche Forschungsgemeinschaft (DFG), member review panel Collaborative Research Center.

2020. Ad hoc assessor Full Professor appointment, Tel Aviv University, Israel.

2018. Member of the selection committee, Assistant Professor in Clinical Neuroscience. Free University of Brussels, Brussels, Belgium

2018. Sir Henry Dale Fellowship. Wellcome Trust, London, UK

2018. Ad hoc assessor Professor appointment. University of Haifa, Israel.

2017. Canada 150 Research Chairs

Medical Research Council - Neuroscience and Mental Health

Research Grants European Research Council (ERC)

Expert referent for The Brain Foundation Netherlands

Ad hoc assessor Full Professor appointment, 2013. Harvard University, USA.

Research grants United States –Israel Binational Science Foundation

Research Grants program of the British Academy

Referee American Psychological Association Distinguished Scientific Awards

National Science Foundation USA. Division of Behavioral and Cognitive Sciences

AXA Research grants, Psychiatry & Neuroscience

Research Grants program of the Social Sciences and Humanities Research Council of Canada

Fellowships Neuroscience & Mental Health Grants of the Wellcome Trust, London, UK

Ad hoc assessor Full Professor appointment, 2013. University of Reading, UK.

Member of the selection committee, Assistant Professor in Clinical Psychology, 2011. University of Louvain, Louvain-la-Neuve, Belgium

Expert consultant evaluation IWT grants (Institution for the encouragement of Innovation by Science and Technology Flanders) "Neurophysiology"

Pre- and postdoctoral grants Research Foundation Flanders

VENI grants. NWO- Dutch Organization for Scientific Research, Social Sciences

VICI grants. NWO- Dutch Organization for Scientific Research, Social Sciences

Research Talent Grants (Experimental Psychopathology Research School). NWO- Dutch Organization for Scientific Research, Social Sciences

Member of the selection committee VICI Innovative Research Incentives Scheme. NWO- Dutch Organization for Scientific Research, Social Sciences

Open competition grants for Ph.D.- and postdoctoral fellowships NWO- Dutch Organization for Scientific Research, Social Sciences

Ad hoc consultant Tenure Tracks, 2010. Hebrew University of Jerusalem, Israel

Ad hoc consultant Tenure Tracks, 2007. University of Pittsburgh, School of Medicine, USA

(b) Ad-hoc reviewer for international journals

Psychological Science; Psychological Bulletin; Molecular Psychiatry; Clinical Psychological Science; Current Directions in Psychological Science; Biological Psychiatry; Journal of Abnormal Psychology; American Journal of Psychiatry; The Lancet; Behaviour Research and Therapy; Biological Psychology. Journal of Consulting and Clinical Psychology; Experimental Psychology; Psychological Medicine; Motivation and Emotion; Journal of Social and Clinical Psychology; Journal of Behavior Therapy and Experimental Psychiatry; Cognitive Therapy and Research; The Gerontologist; Journal of Affective Disorders; Applied Cognitive Psychology; Psychiatry Research; Psychologica Belgica; Progress in Neuro-Psychopharmacology & Biological Psychiatry; International Journal of Cognitive Therapy; Neuroscience Letters; Behavior Research Methods; Cognitive, Affective and Behavioral Neuroscience; Emotion; European Journal of Psychological Assessment; Journal of Experimental Psychopathology; Genes, Brain and Behavior; International Journal of Psychophysiology; Journal of Anxiety Disorders; Memory; The Psychological Record. Psychopathology Review. Psychotherapy and Psychosomatics. Oxford Bibliographies in Psychology.

(c) Editorial work

2021- Member Editorial Board "'Tijdschrift Gedragstherapie (Journal of Behaviour Therapy)"

2017- Member Editorial Board "Behaviour Research and Therapy"

2016-2017 Guest Associate Editor "Emotion"

2016- 2017 Consulting editor "Emotion"

2014-2015. Guest Editor Special Issue for "Clinical Psychological Science". New advancements in research on repetitive thinking.

2014-2015. Guest Editor Special Issue for "Clinical Psychology Review". Psychological interventions for depression: A roadmap to stable remission".

2012- Consulting Editor "Clinical Psychological Science".

2012- 2018. Associate Editor "Cognitive Therapy and Research".

2010-2011. Guest Editor Special Issue for "Biological Psychology". Specificity, methodology and psychopathology of emotional attention.

2009-2010. Guest Editor Special Issue for "Cognitive, Affective and Behavioural Neuroscience". Attentional control in depression: A translational affective neuroscience approach.

2007-2016. Member Editorial Board "Tijdschrift Gedragstherapie (Journal of Behaviour Therapy)".

(d) Membership conference committees

2012. Member of the scientific review committee of the "World Congress of Behavioral and Cognitive Therapies 2013".

2010- 2011. Member of the program committees of the annual meetings of the "Association for Behavioral and Cognitive Therapies", USA.

(e) Active membership of professional associations

2022- Member scientific committee. Postgraduate Training program Primary Care Psychological Interventions.

2011- 2023 Member Scientific Advisory board of the Neurocognitive Therapies/Translational Research Specific Interest Group of the Association of Behavioral and Cognitive Therapies.(USA).

2011- 2014 Board (founding) member of the Flemish Association of Neuropsychology.

2008- Board member of the Education/Training committee of the Flemish Association for Behavior Therapy.

2006-2008. President of the Flemish Association of Behavior Therapy.

2004- Board member of the 'Dutch-Flemish Postgraduate School for Research and Education in Experimental Psychopathology'.

2002- Supervisor for the Flemish Association for Behavior Therapy.

1999- 2003. Board member of the Flemish Association for Behavior Therapy, Journal editor.

(f) Membership ad-hoc committees

2022. Member quality assessment peer review panel of the Bachelor and Master of Science programs in Psychology, Free University of Brussels.

2020. Member Interuniversity committee organization Professional Internship in Clinical Psychology.

2020-2022. Member course planning committee. Neurocognitive Therapies and Translational Research Webinar Series. University of Pittsburgh Medical Center.

2017. Member quality assessment peer review panel of the Bachelor and Master of Science programs in Psychology, Free University of Brussels.

2005. Expert advisor RIZIV committee (Governmental Health Care Institution), concerning Behavior Therapy.

1998– 2000. Member Consultation Platform for Mental Health Care in Brussels Capital.

(g) Member jury PhD projects outside Ghent University

2023. Melisse Houbrechts. University of Leuven (B). Supervisors Prof. Dr. Guy Bosmans, prof. Dr. Karla Van Leeuwen & Prof. Dr. Patricia Bijttebier. The development and impact of attachment in middle childhood: A cognitive script and learning theory approach.

2021. Maria A. Bergman. Radboud Universitair Medisch Centrum. Radboud University. Supervisors Prof. Dr. A.H. Schene & Prof. Dr. C.T.W.M. Vissers. Co-supervisor: J.N. Vrijzen. Negative attentional bias as a transdiagnostic psychiatric marker .

2021. Bob Bramson. Donders center for Cognitive Neuroimaging. Radboud University. Supervisors Prof. Dr. Karin Roelofs and Prof. Dr. Ivan Toni. Rhythmic Control. Prefrontal cortical mechanisms of emotional-action control.

2020. Roni Shafir. Tel Aviv University. Supervisor Prof. Dr. Gal Sheppes. The Role of Expectations in Emotion Regulation.

2019. Caroline Figueroa. University of Amsterdam. Supervisors Prof. Dr. Aart Schene & Prof. Dr. Eric Ruhe. Views on Vulnerability. Cognitive and neurobiological vulnerability during remission of Major Depressive Disorder.

2018. Ellen De Roeck. University of Antwerp; Free University of Brussels (B). Supervisors Prof. Dr. Sebastiaan Engelborghs, Prof. Dr. Peter Paul De Deyn; Prof. Dr. Evan Dierckx. Early detection of Alzheimer's disease: Improvement of neuropsychological screening.

2018. Gina Ferrari. Radboud University (NL). Supervisors Prof. Dr. Jan Spijker, Prof. Dr. Eni Becker, and Prof. Dr. Mike Rinck. Focus on the good. Positive attentional bias modification for depression.

2017. Mieke Schulte. University of Amsterdam (NL). Supervisors Prof. Dr. R. W. H.J. Wiers & Prof. Dr. A.E. Goudriaan. Take control. Developing and testing novel treatments of substance dependence by targeting underlying neurocognitive processes.

2017. Lonneke van Tuijl. University of Groningen (NL). Supervisors Prof. Dr. Peter J. de Jong & Claudi L.H. Bockting. Self-esteem in depression and anxiety: Low, unstable, and discrepant?

2017. Tess Den Uyl. University of Amsterdam (NL). Supervisors Prof. Dr. Reinout Wiers & Dr. T. Gladwin. Stimulating the addicted brain: The effects of transcranial direct current stimulation and cognitive bias modification in alcohol users.

2016. Jens Van Lier. University of Leuven (B). Supervisors Prof. Dr. Filip Raes & Prof. Dr. Bram Vervliet. This thesis excels/fails in every way! The impact of abstract 'why' and concrete 'how' processing on negative and positive generalization.

2016. Julian Nicolas Basanovic. The University of Western Australia. Supervisor: Prof. Dr. C. McLeod. An examination of mediational relationships involving selective attention to negative information, attentional control, and anxiety vulnerability.

2014. Janna N. Vrijzen. Radboud University Nijmegen (NL). Supervisors Prof. Dr. A.E.M. Speckens & Prof. Dr. E.S. Becker. Biased information processing as an endophenotype for depression.

2014. Mieke Beckwé. Free University of Brussels. Supervisor. Prof. Dr. Natacha Deroost. Underlying cognitive mechanisms of persistent negative thought.

2013. Rachel Martin. University of Essex (UK). Supervisor Prof. Dr. Elaine Fox. Do personality traits influence the neural and cognitive response to emotion.
2012. Max J. Owens. Birkbeck, University of London (UK). Supervisor Prof. Dr. Nazanin Derakhshan. Attentional control and working memory capacity in dysphoria.
2012. Klaske Glashouwer. University of Groningen (NL). Supervisors Prof. Dr. Peter de Jong and Prof. Dr. Bea Penninx. Dysfunctional automatic associations in anxiety and depression.
2012. Alexandre Heeren. University of Leuven at Louvain-La-Neuve (B). Supervisor Prof. Dr. Pierre Philippot. I can't take my eyes off of your face. Examination of the causal nature of delayed attentional disengagement from threat in the maintenance of social anxiety.
2011. Elise Debeer. University of Leuven (B). Supervisors Prof. Dr. Dirk Hermans & Prof. Dr. Filip Raes & Prof. Dr. Mark G. Williams. Autobiographical memory specificity and avoidant affect regulation.
2009. Johan Verwoerd. University of Groningen (NL). Supervisors Prof. Dr. De Jong & Dr. Wessel. "The crippling homunculus: inefficient executive control and the persistence of intrusive memories".
2006. Mariëlle Pier, Radboud University Nijmegen (NL). Supervisors Prof. Dr. Hulstijn & Prof. Dr. Sabbe. "Psychomotor retardation in subtypes of depression".

(h) Invited workshops and lectures for practitioners

- 12/11/19 PsyXpert. Veenendaal (NL). *Diagnostics course: meet the expert workshop*. From fundamental neuroscience research towards the development of process-oriented diagnostics and intervention in depression.
- 05/09/19 Psychiatric Centre Sint-Hieronymus. Sint-Niklaas (B). *Lectures in Psychiatry*. The fourth generation behavior therapy techniques: The development of novel treatments for depression based on experimental psychopathology and neuroscience research.
- 16/01/19 Psychiatric Centre Alexianen. Tienen (B). 16/01/19. *Seminars*. From fundamental neuroscience research into the development and application of integrative transdiagnostic therapeutic procedures.
- 26/10/18 Flemish Association of Clinical Psychology/Neuropsychology. Ghent (B). *Annual meeting*. Lecture: Neuropsychology and psychotherapy: from fundamental research towards the development of new therapeutic techniques for depression.
- 12/09/17 The Human Link & Thomas Moore University College, Antwerp (B). A vision for the future of (behavioral) therapies. *Symposium*. Invited panel member public discussion with clinicians.
- 13/06/17. General Hospital AZ Sint-Jan Brugge, Psychiatry (B). *Seminars in Psychiatry*. Lecture. The neurocognitive basis of positive versus negative emotions: what can we learn from it for the treatment of depression?
- 04/03/16. Flemish Association for Psychiatry. Ghent (B). *Annual Spring Meeting*. Lecture. Behaviour therapy and neuroscience: from the neurocognitive conceptualisation of the cognitive model towards the development of new therapies.
- 07/11/15. PSYNC Research Consortium in Clinical Psychology. Ghent University (B). *Meeting with Clinicians*. Lecture. From scientific research towards new methods for psychodiagnostics.

- 29/04/14. Psychiatric Centre Dr. Guislain. Ghent (B). *Guislain Colloquia*. Lecture. The role of expectancy, anticipation and proactive control in stress resilience: a neurocognitive model with implications for burnout.
- 07/06/12. UMC Radboud, Han Fortmann Centrum. *Postdoctoral training mindfulness trainer and – researcher*. Nijmegen (NL). Workshop (1 day): The working mechanisms mindfulness within a bio-psycho-social diathesis stress framework.
- 23/06/11. Centre for Mental Health Zottegem (B). *Opening seminar*. Lecture. Cognitive behaviour therapy in ambulant practice: new developments.
- 11/12/09. Department of Experimental Clinical and Health Psychology. Ghent University (B). *Meeting for Clinical internship mentors*. Lecture. Vulnerability for depression from a cognitive and neurobiological framework: A new integrative view with future perspectives for treatment.
- 10/09/09. Seventh Flemish Congress of Child and Youth Psychiatry and Psychotherapy. Ghent (B). Discussant public debate: The use of treatment protocols versus psychotherapy training.
- 10/10/08. Emergis Regional Mental Health Centre Zeeuws-Vlaanderen. Goes (NL). *Symposium: psychological fitness by mindfulness meditation*. Lecture. Meditation as brain training: fake or sensible?
- 13/06/08. Flemish Association for Behavior Therapy. Ghent (B). *Workshop* (1 day). Monitoring the effect of psychotherapy using N=1 designs in clinical practice: clinical significant outcome measures as feedback for therapists and patients.
- 04/03/08. Emergis Regional Mental Health Centre Zeeuws-Vlaanderen. Goes (NL). *Seminars*. Lecture. Depression Vulnerability: The Interplay Between Increasing Cognitive and Neurobiological Vulnerability.
- 12/10/07. Middelheim Hospital, Psychiatry. Antwerp (B). *Seminars in psychiatry*. Lecture. Mindfulness: working mechanisms.
- 10/05/07. Psychiatric Centre Sint-Jan de Deo. Ghent (B). *Symposium: Complex disorders, complex Care*. Lecture. The neurotic loop model: a working model for the analysis of complex psychiatric problems.
- 30/03/07. SENSOA, Flemish expertise centre for sexual health. Brussels (B). *Flemish congress on sexual health: Risk management*. Lecture. Sexual risk behaviour as a complex problem: dysfunctional cognitions, driven behaviour and neurotic loops.
- 19/12/06. Sint-Camillus, Psychiatric Hospital. Sint-Denijs-Westrem (B). *Symposium: On the crossroads of theory and practice: aspects of a residential treatment model of affective disorders*. Cognitive behaviour therapy versus behaviour activation: back to the future?
- 01/12/06. Flemish Association for Behavior Therapy. Ghent (B). 03/12/04. *Annual Meeting Theory and Practice: Anxiety re-exposed*. Workshop. Death anxiety: the therapist exposed.
- 19/05/06. Flemish Association for Behavior Therapy. Kortenberg (B). *Workshop* (1 day). The Neurotic Loop Model: towards a comprehensive view on complex dysfunctioning.
- 22/04/05. Flemish Association for Behavior Therapy. Drongen (B). *Workshop* (1 day). The behavior therapy process reloaded: the implementation of empirically guided practice with case illustrations.
- 20/04/05. Emergis Regional Mental Health Centre Zeeuws-Vlaanderen. Goes (NL). *Symposium: the position of scientific research and diagnostics in mental health care*. Lecture. The cognitive theory of depression: Clinical practice and fundamental research in mutual dialogue.

- 03/12/04. Flemish Association for Behavior Therapy. Ghent (B). *Annual Meeting Theory and Practice: new developments in the treatment of depression*. Keynote. Vulnerability factors and relapse prevention in depression: research on attention mechanisms as missing link?
- 07/05/04. Flemish Association for Behavior Therapy. Drongen (B). *Workshop* (1 day). The behavior therapy process: an innovative view on problem identification and case conceptualization.
- 30/04/04. Flemish Association for Sport Psychology and Flemish Association of Psychomotor Therapists. Ghent (B). *Conference. Motivating to move*. Keynote. Neurotic loops in sports: analysis of complex problems.
- 25/09/03. Flemish Association for Behavior Therapy & Flemish Association for Psychoanalytical Therapy. Pittem (B). *Symposium: Actual scientific developments and their relationship with clinical psychology*. Lecture. Relevance of neuroscience for the future of behaviour therapy.
- 12/09/02. Association of Flemish Psychiatrists. Antwerp (B). Annual Meeting: Developmental Psychiatry: Psychiatry in Development. Lecture. Future developments in behaviour therapy.
- 20/04/01. Flemish Association for Behavior Therapy. Antwerp (B). *Workshop* (1 day): The Neurotic Loop Model: a learning theory approach to conceptualize complex dysfunctioning and therapeutical interventions.
- 09/02/01. Flemish Association for Behavior Therapy. Kortenberg (B). *Workshop* (1 day). Evidence-based psychotherapy: a practical workshop on the search, evaluation, and use of scientific literature in clinical practice.
- 07/12/01. Flemish Association for Behavior Therapy. Edegem (B). *Annual Meeting Theory and Practice*. Behavioural biology and behaviour therapy: a couple with future? Keynote. Behavioural biology and behaviour therapy: a special couple.
- 16/09/99. Msource Medical Development, Brussels (B). *Two day course for researchers working in the pharmaceutical industry*. Introduction to clinical research: biostatistics.
- 21/01/98. Flemish Centre for Traffic Expertise. *Symposium: Seniors in traffic*. Brussels (B). Lecture. Older adults as active participants in traffic: A cognitive/neuropsychological approach.
- 08/12/95. Dutch Association of Neuropsychology and the Interuniversity Contact Group for Neuropsychology and the Neuropsychology Division of the Flemish Association of Clinical Psychology. Leuven (B). *Annual meeting*. Lecture. Regional blood flow after the induction of a depressive mood within versus out of the realm of attention

(i) Presentations for a broader audience

- 25/11/22 Tervuren (B). Symposium in honor of the retirement of Prof. Dr. Chris Schotte. *In Therapy: Treatment perspectives for personality disorders*. Panel member. The current status and future of behavior therapy.
- 07/10/22 *The future of psychologists: new trends and innovations on mental health and mental health care*. Gent (B). Invited speaker. Information processing and emotion regulation in older adults.
- 26/04/22. *Science Bar*. Kortrijk (B). Invited expert. Public debate with highschool students. Happiness, a matter of science.
- 24/03/22. *Breinwijzer – Public Lectures*. Ghent (B). Invited lecture. The stressed brain in an increasingly complex world.

- 19/03/18. *Breinwijzer – Public Lectures*. Ghent (B). Invited lecture. Psychotherapy and Neuroscience. About the development of new interventions for depression based on fundamental research.
- 12/01/16. *Interactive seminars Sint-Bavo Highschool*. Ghent (B). Invited interactive lecture. Emotions in the brain.
- 01/12/15. *Wetenschapscafé*. Kortrijk (B). Depression and Burnout: preventing, curing, accepting? Invited panel member public discussion, with Heidi Verlinden. Moderated by science journalist Tina De Gendt.
- 04/12/14. *Breinwijzer – Public Lectures*. Ghent (B). Invited lecture: The depressive brain again in control. About the development of new neurocognitive interventions.
- 19/10/10. *Wetenschapscafé*. Ghent (B). Mindfulness: (how) does it work? Invited panel member public discussion, with Bjorn Prins. Moderated by science journalist Joël De Ceulaer.
- 02/09/10. *Seminars for high school teachers*. Blankenberghe (B). Invited lecture. Attention, mindfulness and emotion regulation: a neuroscience approach.
- 30/04/09. *Breinwijzer – Public Lectures*. Ghent (B). Invited lecture. Mindfulness and care for enhanced well-being: is it only brain training?

(j) Clinical practice & consultancy

- 1996- Scientific consultant concerning psychological practice, for mental health professionals.
- 1996-2000. Psychotherapist (behavior therapy, adults). Mental Health Services of the Free University of Brussels.

10. INSTITUTIONAL SERVICE (university level)

(a) Departmental responsibilities

- 2021- Team member 'The 'Ghent Longitudinal Observational Research Investigating Healthy Aging' (GLORIA – Health monitor).
- 2020- Team leader 'Health Behavior' Consortium Research for Aging Young (GRAY)
- 2019- 2023. Chair of the Human Resource committees of all departmental professors.
- 2014- 2023. Head of the Department of Experimental Clinical and Health Psychology
- 2008- Director of the Psychopathology and Affective Neuroscience lab

(b) Organization professional training

- 2016- 2022. Head of the "Inter University Postgraduate Training program Primary Care Psychological Interventions", at Ghent University.
- 2011- 2019. Head of the "Inter University Postgraduate Training Program in Behavior Therapy, Children and Adolescents", at Ghent University.
- 2009- 2022. Head of the "Inter University Postgraduate Training Program in Clinical Psychodiagnostics for Adults", Ghent University.

2008- Head of the “Postgraduate Training Program in Behavior Therapy, Adults“, Ghent University.

2007- 2014. Member steering committee “Inter University Postgraduate Training Program in Clinical Neuropsychology“, Ghent University.

(c) Membership faculty committees

2021- Member steering group ‘Dunant Academy’ for Lifelong Learning of the faculty of Psychology and educational sciences

2018- 2023. Member of the Finances and Personnel committee of the faculty of Psychology and educational sciences

2014-2016. Member of the ad-hoc commission renewed training program of Clinical Psychology

2010- 2013. Board member Doctoral School of Social and Behavioral Sciences, Ghent University.

2010- 2012. Member doctoral committee of the Faculty of Psychology and Educational Sciences, Ghent University.

2008- 2011. President Examination Committee Postgraduate Training Programs in Psychotherapy, Ghent University

2007- 2011. President Examination Committee, 1st Master in Psychology, Ghent University

2001- 2008. Member Ethical Committee. Faculty of Psychology and Educational Sciences, Ghent University.

2001- 2023. Member of the Faculty Council of Psychology and Educational Sciences, Ghent University

2000. Member Doctoral and Doctoral Training Committee. Faculty of Psychology and Educational Sciences, Free University of Brussels

1998- 2000. Representative of the Ph.D. students in the faculty Council, Faculty of Psychology and Educational Sciences, Free University of Brussels

(d) Membership ad-hoc committees

2008- Governing board member of the “Methusalem” project, Special Research Fund at Ghent University, Supervisor Jan De Houwer: “New directions in research on the acquisition and generation of attitudes“

(e) Member guidance committees finished PhD projects at Ghent University

Joachim Waterschoot. Supervisors Prof. Dr. Maarten Vansteenkiste & Prof. Dr. Bart Soenens. The Motivation Barometer during the COVID-19 crisis in Belgium: the role of basic needs, risk perception and motivation in predicting behavior and well-being. Ph.D. obtained in 2023.

Elisa Boelens. Supervisors: Prof. Dr. Caroline Braet & Prof. Dr. Lien Goossens. Understanding and training emotion regulation in adolescents. Ph.D. obtained in 2023.

Marie-Lotte Van Beveren. Supervisor: Prof. Dr. Caroline Braet. Positive emotionality and adaptive emotion regulation as resilience factors in the development of depressive symptoms in adolescents. Ph.D. obtained in 2020.

Jozefien Dedoncker. Supervisors: Prof. Dr. Chris Baeken & Prof. Dr. Marie-Anne Vanderhasselt. A Neuroscientific Perspective on Being Criticized: Individual differences in neurobiological sensitivity to criticism and the potential for modifying it through neuromodulation. Ph.D. obtained in 2020.

Sam Verschooren. Supervisor: Prof. Dr. Gilles Pourtois. Balancing internal and external attention: An experimental analysis. Ph.D. obtained in 2020.

Martin Finn. Supervisor: Prof. Dermot Barnes-Holmes Exploring the dynamics of arbitrarily applicable relational responding with the implicit relational assessment procedure. Ph.D. obtained in 2020.

Jasmien Vervaeke. Supervisors: Prof. Ernst Koster & Prof. Jan Van Looy. Cognitive control training as preventive intervention in remitted depressed individuals: Research on clinical effectiveness and user experience. Ph.D. obtained in 2020.

Davide Gheza. Supervisor: Prof. Dr. Gilles Pourtois. Reward and motivational processes during performance monitoring: a psychophysiological approach. Ph.D. obtained in 2019.

Katharina Paul. Supervisor: Prof. Dr. Gilles Pourtois. The effects of positive mood and motivation on performance monitoring and reward expectation: a systematic psychophysiological investigation. Ph.D. obtained in 2019.

Beatrijs Vandenkerckhove. Supervisors: Prof. Dr. Bart Soenens, Prof. Dr. Maarten Vansteenkiste & Prof. Dr. Patrick Luyten. The interplay between depression, self-criticism, and the basic psychosocial needs in adolescents adjustment: a correlational, diary-based, and experimental approach. Ph.D. obtained in 2019.

Haaike Josephy. Supervisors: Prof. Dr. Tom Loeys & Prof. Dr. Stijn Vansteelandt. Statistical models for causal mediation in within-subject designs: dealing with unmeasured confounders and interactions. Ph.D. obtained in 2018.

Eva Vandevivere. Supervisors: Prof. Dr. Caroline Braet & Prof. Dr. Guy Bosmans. A further refinement of the attachment construct in primary school-aged children: A multi-method investigation. Ph.D. obtained in 2018.

Laura Wante. Supervisors: Prof. Dr. Caroline Braet & Prof. Dr. Sven Mueller. Depression in early adolescence: the influence of emotion on cognitive control processes. Ph.D. in Psychology obtained in 2017.

Laura De Putter. Supervisor: Prof. Dr. Ernst Koster. The relationship between obsessive-Compulsive symptoms and information processing. Ph.D. in Psychology obtained in 2017.

Ayse Berna Sari. Supervisors: Prof. Dr. Ernst Koster & Prof. Dr. Gilles Pourtois. The role of attentional flexibility during emotion processing in resilience and emotional disorders. Ph.D. in Psychology obtained in 2016.

Jonas Everaert. Supervisor: Prof. Dr. Ernst Koster. Cognitive risk factors for depressive symptoms: An experimental investigation of the interplay between biased cognitive processes. Ph.D. in Psychology obtained in 2015.

Jasmina Bakic. Supervisor: Prof. Dr. Gilles Pourtois. Influence of positive emotion on probabilistic learning: An experimental approach. Ph.D. in Psychology obtained in 2015.

Sofie Cromheeke. Supervisor: Prof. Dr. Sven Mueller. Emotional working memory. The role of development and task factors. Ph.D. in Psychology obtained in 2015.

Naomi Vanlessen. Supervisor: Prof. Dr. Gilles Pourtois. Influence of positive emotion on attentional breadth: an experimental approach. Ph.D. in Psychology obtained in 2014.

Lynn Bruyneel. Supervisor: Prof. Dr. Ernst Koster. Always look at the bright side of life: Processing positive information in relation to resilience and depression. Ph.D. in Psychology obtained in 2013.

Nathalie Schouppe. Supervisor: Prof. Dr. Win Notebaert. The affective value of cognitive conflict and its role in decision-making. Ph.D. in Psychology obtained in 2013.

Emelien Lauwerier. Supervisor: Prof. Dr. Geert Crombez. Coping with Chronic Pain: Problem Solving and Acceptance. Ph.D. in Psychology obtained in 2013.

Antonio Schettino. Supervisor: Prof. Dr. Gilles Pourtois. Emotions and the temporal perception of events. Ph.D. in Psychology obtained in 2012.

Joannes Késenne. Supervisor: Prof. Dr. Filip Geerardyn. Study of the psychology of melancholy in the psychoanalytic literature in relation to the melancholy in the "Pittura Metafisica" of Giorgio de Chirico. Ph.D. in Psychology obtained in 2012.

Maaïke Loncke. Supervisor: Prof. Dr. Rob Hartsuiker & Prof. Dr. André Vandierendonck. The role of executive control in sentence processing. Ph.D. in Psychology obtained in 2012.

Katrien Verhoeven. Supervisor: Prof. Dr. G. Crombez. Directing attention away from pain in children and adolescents: An experimental approach. Ph.D. in Psychology obtained in 2011.

Kimberley Vandamme. Supervisor: Prof. André Vandierendonck. Electrophysiological markers of cognitive control in the coordination of tasks. Ph.D. in Psychology obtained in 2010.

Jean-Philippe Van Dijck. Supervisor: Prof. Wim Fias. The cognitive mechanisms of spatial-numerical associations. Ph.D. in Psychology obtained in 2009.

Reitske Meganck. Supervisor: Prof. Dr. P. Verhaeghe. A study of the validity of alexithymia measures. Ph.D. in Psychology obtained in 2009.

Guy Bosmans. Supervisor: Prof. Dr. C. Braet. The internal working model of attachment: Towards an integration with contemporary cognitive schema theory. Ph.D. in Psychology obtained in 2009.

Matthias Desmet. Supervisor: Prof. Dr. P. Verhaeghe. Hysterical and obsessive-compulsive depression: a psychomatric study. Ph.D. in Psychology obtained in 2007.

Els Geldolf. Supervisor: Prof. Dr. G. Crombez. Lower back pain, disability and sick leave: the role of pain related fear and attitudes. Ph.D. in Psychology obtained in 2007.

Barbara Soetens. Supervisor: Prof. Dr. C. Braet. Overweight and obesity in children and adolescents. The role of implicit cognitions towards food and physical activity. Ph.D. in Psychology obtained in 2006.

(f) Member jury finished PhD projects at Ghent University

2023 Laïs Boralli Razza. Precision prefrontal non-invasive brain stimulation: from protocol optimization to individual personalization. Supervisors: Prof. Dr. Marie-Anne Vanderhasselt & Prof. Dr. Chris Baeken.

2022 Giulia Cristoforetti. Spatial coding of serial position in working memory and episodic memory. Supervisors: Prof. Dr. Wim Fias & Prof. Dr. Steve Majerus. Chair of the jury.

2022 Vesal Rasoulzadeh. The role of spatial attention in serial order processes of verbal working memory. Supervisors: Prof. Dr. Wim Fias & Prof. Dr. Tom Verguts. Chair of the jury. Chair of the jury.

2021 Sylvia Formica. Supervisors: Stimulus-action associations in working memory: a neurocognitive approach. Prof. Dr. Marcel Brass & Prof. Dr. Tom Verguts. Chair of the jury.

2020 Jamie Cummins. Implicit measures of beliefs. Supervisor: Prof. Dr. Jan De Houwer.

2020 Bo Van den Bulcke. Supervisors: Prof. Stijn Vanheule & Prof. Dominique Benoit. Team climate in intensive care units: Conceptualisation and measurement. Chair of the jury.

2020 Aileen Leech. Supervisors: Prof. Dermot Barnes-Holmes & Prof. Yvonne Barnes-Holmes. Analysing the Functional Independence of the Derived Transfer of Fear and the Derived Transfer of Avoidance Responses.

2020 Jasmien Vervaeke. Supervisors: Prof. Ernst Koster & Prof. Jan Van Looy. Cognitive control training as preventive intervention in remitted depressed individuals: Research on clinical effectiveness and user experience.

- 2019 Stijn Schelfhout. Supervisors: Prof. Dr. Wouter Duyck & Prof. Dr. Filip De Fruyt. The influence of study interests and (non-) cognitive predictors on study choice and study achievement in Flemish higher education. Chair of the jury.
- 2019 Clara De Ruyscher. Supervisors: Prof. Dr. Stijn Vandeveld & Prof. Dr. Stijn Vanheule. Unraveling recovery: A qualitative study rooted in the lived experiences of persons with complex mental health needs. Chair of the jury.
- 2019 Raquel London. Supervisor: Prof. Dr. Durk Talsma. The role of spontaneous brain activity in perception. Chair of the jury.
- 2017 Rachel Campbell. Supervisors: Prof. Dr. Maarten Vansteenkiste & Prof. Dr. Dirk Vogelaers. Basis psychological needs and sleep: A multi-method inquiry into their relation and underlying mechanisms in non-clinical and clinical samples.
- 2017 Kristof Hoorelbeke. Supervisor: Prof. Dr. Ernst Koster. Depression prevention: Examining the causal role of cognitive control in depression vulnerability.
- 2016 Sara Van Autreve. Supervisor: Prof. Dr. Myriam Vervaeke. The role of set-shifting and central coherence in differentiating the restrictive and bingeing/purging subtypes of anorexia nervosa.
- 2015 Jonas Everaert. Supervisor: Prof. Dr. Ernst Koster. Cognitive risk factors for depressive symptoms: An experimental investigation of the interplay between biased cognitive processes.
- 2012 Kristien Aerts. Supervisor: Prof. Dr. Gilles Pourtois. Negative affect-related changes of action monitoring brain processes: An experimental analysis.
- 2011 Bram Van Bockstaele. Supervisor: Prof. Dr. Geert Crombez. Attentional bias modification for threatening information: Possibilities and limitations.
- 2010 Björn Van Loy. Supervisor: Prof. Dr. André Vandierendonck. Cognitive control in task switching: Behavioral and electrophysiological indicators of dissociation between cue-based and task based processing.
- 2009 Marleen De Bolle. Supervisor: Prof. Dr. Filip De Fruyt. Anxious and depressive symptoms in childhood and adolescence.
- 2008 Filip Van Opstal. Supervisor: Prof. Dr. Tom Verguts. Similarities and differences in judgments on numerical and non-numerical domains.
- 2006 Mietje Craeynest. Supervisor: Prof. G. Crombez. Overweight and obesity in children and adolescents.
- 2006 Petra De Vlieger. Supervisor: Prof. G. Crombez. The costs of attempting to control uncontrollable pain: An experimental and clinical investigation.
- 2006 Peter Dejonckheere. Supervisors: Prof. L. Verhofstadt-Denève & Prof. Dr. A. Smitsman. Perceptual differentiation of physical events in infants.
- 2004 Benedikte Timbremont. Supervisor: Prof. Dr. C. Braet. The validity of the cognitive model in children and adolescents with depressive symptoms: The importance of biased information.
- 2004 Liesbet Goubert. Supervisor: Prof. Dr. Crombez. Distraction and exposure in patients with chronic back pain.
- 2003 Sarah Bal. Supervisor: Prof. Dr. Van Oost. Adaptation to sexual abuse in adolescents: The role of appraisal, coping and social support.
- 2003 Marc Roelands. Supervisor: Prof. Dr. Van Oost. Optimising autonomy through assistive technology in elderly people: The role of social-cognitive factors.