

PROGRAMME 77th ISCP - 19 May 2026

Schedule (CEST)

08:00	REGISTRATION
09:30-10:40	PLENARY SESSION
10:40-11:10	COFFEE BREAK
11:10-12:30	ORAL SESSIONS
12:30-13:40	LUNCH
13:40-14:40	POSTER SESSION
14:40-15:00	COFFEE BREAK
15:00-17:20	ORAL SESSIONS
17:20-19:00	RECEPTION
19:30	EVENING DINNER Oude Vismijn Sint-Veerleplein 5, 9000 GENT

Plenary Session

Chair **E. DE LA PEÑA** (Ghent University, Ghent, Belgium)

Secretary **B. VANDEKERKHOVE** (Ghent University, Ghent, Belgium)

Auditorium

09:30 **A. VICENT** (L'Institut Valencià d'Investigacions Agràries, Moncada València, Spain)

- Emerging pest introductions and crop protection in Europe: plant health at a crossroads

10:05 **T. DUBOIS** (International Centre of Insect Physiology and Ecology, Nairobi, Kenya)

- Crop protection in the tropics: challenges and opportunities for smallholder farmers in sub-Saharan Africa

10:40 **Coffee Break**

Special session
Tropical crop Protection

Auditorium

- 15:00 **C. ORTUGNO, K. KIM, J. GONI, M. GRAVOUIL, H. PORTILLO** (FMC Corporation, Geneva, Switzerland)
- Advancing tephritid fruit fly management in the Mediterranean and Africa: efficacy and innovation of Atraxis™
- 15:20 **H. ROMERO, J.A. DIAZ-PENDON, R. PLANELLO, P. DE CLERCQ, E. DE LA PEÑA** (Ghent University, Ghent, Belgium)
- DNA barcoding for characterizing arthropod communities and pests in Mediterranean mango and cherimoya orchards
- 15:40 **M. AKINBULUMA, O. AYODELE, I. AYEGBOYIN, O.P. ILOBOLUTIFE, R.A.H VAN SCHAIJK, P. ROESSINGH, A.T. GROOT** (University of Ibadan, Ibadan, Nigeria & University of Amsterdam, Amsterdam, The Netherlands)
- Field attraction of *Spodoptera frugiperda* to sex pheromone compounds in Nigeria
- 16:00 **A.B. MULUSEW, W.B. HUNDESSA, M. COUVREUR, W. BERT, M.G. TEKLU, B. M. GEBREHIWET, B. H. MERESSA** (Jimma University, Jimma, Ethiopia & Ghent University, Ghent, Belgium)
- Survey and identification of bacterial wilt disease of ginger in southern Ethiopia
- 16:20 **J. BERDY, G. KASEREKA, N. LONGONYA, A. BOLOMBE, M. CORAJOD, P. N'SEVOLO, F. ABEDI, F. FRANCIS, B. MICHEL, M.L. FAUCONNIER** (University of Liège, Gembloux, Belgium)
- Tradition to protection: ethnobotanicals against *Sitophilus zeamais*, Tshopo DRC
- 16:40 **N. KOUANDA, S. ZONGO, I. B. FEKIH, M.C. COKOLA, A.L. HANTSON, F. DELVIGNE, C.A.T. OUATTARA, A. SANON, A. BADOLO, F. FRANCIS** (University of Liège, Gembloux, Belgium & University Joseph Ki-Zerbo, Ouagadougou, Burkina Faso)
- Natural occurrence of entomopathogenic fungi in Burkina Faso and use in *Spodoptera frugiperda* biocontrol
- 17:00 **I. FERNANDO, R.D. PUSPITARINI** (University Brawijaya, Malang, Indonesia)
- Invasion of the cassava lace bug (*Vatiga illudens*) in Indonesia

Session
Phytopathology: control

Auditorium

- 11:10 **A. GOVIN SANJUDO , F. COUTTE, S. DOREY, C. JACQUARD, E.AIT-BARKA, Q. ESMAEEL** (Université de Reims Champagne Ardenne, Reims, France)
- Unlocking the role of lipopeptides and rhamnolipids in the biocontrol of *Zymoseptoria tritici* in wheat
- 11:30 **F. MARTINI, J. MUCHEMBLED, E. GONTIER, M.H JIJAKLI, M.L. FAUCONNIER** (University of Liège, Gembloux, Belgium)
- Essential oils against *P. infestans*: chemical profiles drive biological activity
- 11:50 **A. SAKHO, M.B. DIOP, L. JOSSELIN, M. GENVA, M.L. FAUCONNIER** (University of Liège, Gembloux, Belgium)
- Antifungal activity of *Lippia alba* essential oil against mycotoxigenic fungal species associated with stored food commodities
- 12:10 **B.P. MARAHATTA, M. HÖFTE** (Ghent University, Ghent, Belgium)
- Temperature-dependent regulation of cyclic lipopeptide-mediated biocontrol by *Pseudomonas fuscovaginae*

Session
Agricultural entomology and acarology

Auditorium

- 15:00 **P. VERHAGE, B. MELIS, S. VAN HEE, J. WAGEMANS, R. LAVIGNE, B. LIEVENS** (KU Leuven, Leuven, Belgium)
- Rhizobacteria SynComs for strawberry growth and pest control
- 15:20 **W. POPPELSDORF, A. DE KNIJF, B. MELIS, K. BUNKENS, R. YURDUSEVEN, A. DELEU, H. JACQUEMYN, B. LIEVENS** (KU Leuven, Leuven, Belgium)
- Novel entomopathogenic bacteria to control the lettuce root aphid on witloof chicory
- 15:40 **A. SION, F.J. VERHEGGEN** (University of Liège, Gembloux, Belgium)
- Olfactory regulation of sex pheromone production in the lady beetle *Harmonia axyridis*
- 16:00 **S. FLEERAKKERS, B. VANTHOURNOUT, S. VENNEMAN, L. LIPPENS, S. DARWICH, F. TEMMERMAN,** (Proefstation voor de Groententeelt, Sint-Katelijne-Waver, Belgium)
- Understanding the role of natural enemies of aphids and whiteflies in Brussels sprouts fields
- 16:20 **E. VILLACIS-PEREZ, M. KANT, J.M. ALBA, T. VAN LEEUWEN** (University of Amsterdam, Amsterdam, Netherlands)
- Implications of suppression of plant defences by herbivorous mites for crop protection
- 16:40 **S. DE ROUCK, W. DERMAUW, T. VAN LEEUWEN** (Ghent University, Ghent, Belgium)
- Interfering with DNA repair pathways to enhance CRISPR-Cas9-mediated homology-directed repair in a chelicerate genetic model organism
- 17:00 **A. NIKOLOUDI, S. DE ROUCK, A. MOCCHETTI, K. KALANTIDIS, J. VONTAS, T. VAN LEEUWEN** (Ghent University, Ghent, Belgium & University of Crete, Crete, Greece)
- CRISPR-Cas9-based genome editing strategies in *Frankliniella occidentalis*

Session
Pesticide Residues: Toxicology and Ecotoxicology

Auditorium

- 11:10 **M. RAIMONDI, E. LÓPEZ DÁVILA, M. BARON, P. SPANOGHE** (Ghent University, Ghent, Belgium)
- Mechanical disturbance overrides pesticide toxicity as a driver of carabid community structure and bioaccumulation patterns in intensive arable systems
- 11:30 **K.N.G. SOPKOUTIE, F.V. DJEUGAP, W. ABUKARI, E.F. NGULEFACK, PN.G. TABI, E. NYA, P. SPANOGHE, Y.J.G. GALANI** (Canterbury Christ Church University, UK)
- Pesticide misuse, health impacts, and knowledge gaps among Cameroonian vegetable farmers: survey findings
- 11:50 **R. DHOMMÉE, M. DENIS, J. MERCIER, T. BERTRAND, M.L. FAUCONNIER, P. DELAPLACE, C. DE CLERCK** (University of Liège, Gembloux, Belgium)
- Microbial degradative capacities of *Rhodococcus sp.* as a strategy to reduce pesticide Metamitron pollution in agricultural systems
- 12:10 **A. GANATRA, H. TRIPATHI, L. MWANGA MOONGA, L.L. VITALIOTIS, M. MWAKABELA, M. KABWE, R. OSMAN, S. SAIT, R. QUINNELL, M. SIMUUNZA, J.M.K. CONSTANTIANUS** (Wageningen University, Wageningen, Netherlands)
- Insecticide residues in house dust as selection pressure for resistance in *Anopheles* mosquitoes

Session
Formulation and Application Technology

Auditorium

15:00 **P. TAFOKEU TAGUIMJEU, M. GENVA, M. GRÉGOIRE, M.L. FAUCONNIER** (University of Liège, Gembloux, Belgium)

- From bark to bio-protection: EXTRABARK unlocking solutions for plant protection

15:20 **R. RACHMAWATI, M.S. BAIHAQI, M.T. FIRDAUS, F. NURHALIZA, F.A. HAQ, L.Z. LAELY, N. PURNAMASYARI, S.T. SARI, S. SETYANINGSIH, A.F. WIDJAYANTI** (Brawaijaya University, Malang, Indonesia)

- Evaluation of natural and synthetic adjuvants to enhance ultraviolet tolerance and virulence of *Beauveria bassiana* conidia

15:40 **F. YAPICI, L. LE BERT, E. MAHMOUD** (Levaco Chemicals GmbH, Leverkusen, Germany)

- Innovative solutions for addressing challenges in agrochemicals: a focus on crystal growth inhibitor and formulation stability

16:00 **F. RUHLAND, I. LALAYMIA, S. DECLERCK, F.J. VERHEGGEN** (University of Liege, Gembloux, Belgium)

- On the way to sustainable wireworm control: development of an attract-and-kill formulation.

16:20 **E. GEUKENS, H. VERSCHUEREN, S. FLEERAKKERS, L. DE ROOSTER** (Proefstation voor de Groententeelt, Sint-Katelijne-Waver, Belgium)

- Seed drip application, a targeted crop protection approach

16:40 **A. SHAFIEI SOUDERJANI, I. ZWERTVAEGHER, D. NUYTENS, S. BOSSUYT, B. DE CAUWER, B. NICOLAI, P. VERBOVEN** (KU Leuven, Leuven, Belgium)

- Impact of droplet size distribution and application technique on spray deposition in mid and late stage winter wheat

Auditorium

- 11:10 **I. DEWITTE, K. DE JONGHE, M. HEYNEMAN, M. DESMET, F.MACLOT, L. VAN CRANENBROECK, S. MASSART** (Flanders Research Institute for Agricultural Fisheries and Food (ILVO), Merelbeke, Belgium)
- Taking no risk with VIRISK: rapid risk assessment of emerging plant viruses
- 11:30 **L. VAN CRANENBROECK, F. MAERTENS, T. FOLLIARD, M. HEYNEMAN, L. MISA, S. ÖNDER, A. BLOUIN, J. HILY, K. DE JONGHE, S. MASSART** University of Liège, Gembloux, Belgium)
- From detection to prevention: prevalence of regulated non quarantine viruses in Belgian vineyards
- 11:50 **L. VAN DEN BERGHE, C.BURGEON, S. DAL MASO, H. JIJAKLI** (University of Liège, Gembloux, Belgium)
- Enhancing fungal pathogen quantification using high-resolution image analysis in controlled conditions crop protection trials
- 12:10 **K. HEUNGENS, A. HAEGEMAN, K. VAN POUCKE, H. MESTDAGH, S. MARCOU, S. BERENDSEN, S. VAN KERCKHOVE, A. VERMUNT, L. SOETEMANS, S. LAUWERS, L. HERMAN** (Flanders Research Institute for Agricultural Fisheries and Food (ILVO), Merelbeke, Belgium)
- QPCR-based detection of the bell pepper pathogen *Fusarium oxysporum f.sp. radicis-capsici*

Auditorium

- 15:00 **W. BOVEN, J. MOONS, C. BELLEN, C. VEYS, P. VERWILT, L. DERETTE, A. CEUSTERMANS, W. VAN HEMELRIJCK, T. VANWALLEGHEM, M. HOLTAPPELS, D. BYLEMANS, B. DE CONINCK** (KU Leuven, Leuven, Belgium)
- A global approach to control pear scab
- 15:20 **R. PETERS, C. LOMBAERS, S. GAASTRA, T. VAN DE VOORDE, J. POSTMA** (Wageningen University & Research, Lelystad, the Netherlands)
- Soil inoculum density-damage relationship of potato black scurf
- 15:40 **R. BEX, Y. SATO, S. CARVAJAL, S. MARCOU, D. STRUBBE, K. STEPPE, B.P.H.J. THOMMA, M. HÖFTE** (Ghent University, Ghent, Belgium)
- Survival in the xylem: *Verticillium dahliae* hijacks host ethylene biosynthesis
- 16:00 **M. TAYYAB, A. GOVIN SANJUDO, S. VERDELET, D. LEGESSE, M. RENARD, V. FLEURE, T. DEVILLE, E.A. BARKA, Q. ESMAEEL** (University of Reims Champagne Ardenne, Reims, France)
- Soil microbiome responses to agroecological diversification in French living labs
- 16:20 **J. FERREIRA, B. LIEVENS, H. REDIERS** (KU Leuven, Leuven, Belgium)
- A spore-based confrontation assay for improved high-throughput screening of biocontrol organisms
- 16:40 **A. SULTANA, M. A. HOSSAIN, B. COTTYN, M. HÖFTE** (Ghent University, Ghent, Belgium)
- Genetic diversity of rice-associated beneficial bacteria and their potential for biocontrol of major rice pathogens in Bangladesh
- 17:00 **S. RATHORE, O. LASTOVETSKY, S. J. KARKI, J. XIE, A. FEECHAN** (University College Dublin, Dublin, Ireland)
- Mining endophytes for next-generation control of Ramularia leaf spot

Session
Nematology

Auditorium

- 11:10 **L. MOLENDIJK, J. VISSER, T.H. BEEN** (Wageningen University & Research, Lelystad, the Netherlands)
- NemaDecide a DSS to control virulent *Globodera pallida* populations
- 11:30 **L. TANING, E. TUMANGGER, E. HEYMAN, K. DEMEULEMEESTER, T. KYNDT, W. WESEMAEL** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke, Belgium)
- Effectiveness of (biological) agents against *Globodera spp.* in potato cultivation.
- 11:50 **S. PROUMEN DE KEYSER, M. SAURA-SANCHE, M. DEVEUX, T. KYNDT, B. DE RYBEL, T. BEECKMAN** (Ghent University; VIB Center for Plant Systems Biology, Ghent, Belgium)
- Small molecule screening to identify crop-protective compounds against

Auditorium

- 15:00 **D. APOLONIO SILVA DE OLIVEIRA, J. AISU, R. DU PRÉ, E. VAN HEESE, G. KARSEN** (NPPO-NL, Netherlands Institute for Vector, Invasive Plants and Plant healthy (NIVIP) – Netherlands Food and Consumer Product Safety Authority (NVWA), Wageningen, The Netherlands)
- Integrative characterization reveals the mitogenome of *Meloidogyne Silvestris*
- 15 :20 **J. MAOSA, M. COUVREUR, W. BERT** (Ghent University, Ghent, Belgium)
- Occurrence and identification of plant-parasitic nematodes from multiple hosts in selected sub-Saharan African countries
- 15:40 **B. KLEIN LANKHORST, P.R. DEN HARTOG, L.F.S. RODRIGUES, K. WANG, J. VAN DEN BERG, F. MENDEZ, K. LI, E. GROEN, K. MORFIDOU** (Antonie B.V., Giesbeek, The Netherlands)
- Life Monitor™: An Emerging Method for Automated Nematode Quantification and Identification
- 16:00 **J. VISSER, E. VAN HEESE, A. S. VAN BRUGGEN, L.P.G. MOLENDIJK** (Wageningen University, Wageningen, Netherlands)
- Introduction and survival of *Meloidogyne enterolobii* under temperate climate conditions
- 16:20 **P. BRINKMAN, F. KREUK, A. MAGER, A. MEISNER, P. RUIGROK, J. VISSER, L.P.G. MOLENDIJK** (Wageningen University, Wageningen, Netherlands)
- *Paratrichodorus anemones*: host plants and effects on a succeeding crop
- 16:40 **S. NGANGA, J. KISAAKYE, S. NCHORE, W. WANJOHI, D. COYNE** (Kenyatta University, Nairobi, Kenya & Ghent University, Ghent, Belgium)
- Management of potato cyst nematode (*G. rostochiensis*) using furfural-impregnated banana fiber paper
- 17:00 **S. MENNAN, N. DOLUEL, A. K. AŞKINA, A.O. SEÇER, F. H. BAŞ, G. AYDINLI, C. TUNÇER** (Ondokuz Mayıs University, Samsun, Turkey)
- Potential of native entomopathogenic nematodes for the control of *Halyomorpha halys* under laboratory conditions

Session Herbology

Chair: **B. DE CAUWER** (Ghent University, Ghent, Belgium)

Vice-chair: **S. DE RYCK** (Ghent University, Ghent, Belgium)

Secretary: **M. DE MEESTER** (Ghent University, Ghent, Belgium)

Auditorium

- 15:00 **A. CLAEYS, M. DELEU, L. VILAIN, G. RACE, C. BURGEON, E. VERMERSCH, L. HERTEL, S. KOSICAMASSON, M. FAUCONNIER, M. GENVA** (University of Liege, Gembloux, Belgium)
- Unravelling plant responses to essential oil-based bioherbicides
- 15:20 **M. L. YAZIDI, Z.L. EVARISTE AKISSI, S. SAHPAZ, M. H. JIJAKLI** (University of Liège, Gembloux, Belgium & University of Lille, Lille, Belgium)
- Bio-guided fractionation and herbicidal potential of *Cynara cardunculus L.*: from extraction optimization to identification of allelopathic compounds
- 15:40 **A. MILANI, S. PANOZZO** (Institute for Sustainable Plant Protection of the National Research Council of Italy, Italy)
- RNAi weed control: targets acquired, but delivery remains a bottleneck
- 16:00 **C. ORTUGNO, D. HENNENS, M. BENICHON, E. GEMINIANI, G. BAILLY** (FMC Corporation, Geneva, Switzerland)
- Fundatis™ herbicide: a dual-mode solution for resistant weeds management in cereals
- 16:20 **H. MENNAN, A. HARUN SARUHAN** (Ondokuz Mayıs University, Samsun, Turkey)
- Can Unmanned Aerial Vehicles (UAVs) serve as an effective alternative to conventional ground-based spraying methods for weed management in rice production systems?
- 16:40 **J. DUTORDOIR, K. STEPPE, B. VANHOUTTE, S. REMY, W. VERJANS, W. ODEURS, J. VERELLEN, B. DE CAUWER** (Ghent University, Ghent, Belgium)
- Challenges and opportunities for integrated weed management in pome fruit
- 17:00 **M. DE MEESTER, P. DE MIDDELEER, J. BARBRY, L. DELANOTE, J. FEYS, B. DE CAUWER** (Ghent University, Ghent, Belgium)
- Optimising cultural and mechanical weed management in organic winter cereals and its implications for grain yield and quality

Posters

Tropical Crop Protection

T-01 **B. TEFERIE, H. ROMERO, O. LEROUX, M. WALE, P. DE CLERCQ, E. DE LA PEÑA** (Ghent University, Ghent, Belgium)

- Leaf structural diversity in mango cultivars: potential implications for plant-insect relationships

Phytopathology

P-01 **V. GREFFE, M. HOFKENS, S. LAURIJSEN, D. PEETERS, P. MELIS** (Harvestis, Meerle, Belgium)

- Climatic model to evaluate powdery mildew disease pressure in strawberry

P-02 **E. EVERAERT, T. GOEDEFROIT, I. STOCKMANS, A. WAUTERS, K. AUDENAERT, K. DE JONGHE** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke, Belgium)

- Yellowing viruses in sugar beet: the impact of mixed infections

P-03 **R.E. ENAN, M. GENVA, G. RACE, M.L. FAUCONNIER** (University of Liège, Gembloux, Belgium)

- Phosphooylipins, new keys to *Arabidopsis thaliana* defense against *Botrytis cinerea*

P-04 **O. LEROUX, N. GIERLINGER, L. FACHUANG, R.M.N RICARDO, R. BEX, S. MARCOU, K. STEPPE, M. HOFTE** (Ghent University, Ghent, Belgium)

- Multimodal imaging and chemical profiling of *Verticillium* induced intravascular coatings in pepper (*Capsicum annuum*)

P-05 **E. VAN DEN STEEN, E. ALAM, K. VANDEREYKEN, B. DE CONINCK** (KU Leuven, Leuven, Belgium)

- Unravelling the molecular mechanisms of *Botrytis cinerea* quiescence in strawberry flowers and fruit

P-06 **F. LELEUX, S. MASSART** (University of Liège, Gembloux, Belgium)

- Mining public sequencing data to improve banana mild mosaic virus molecular diagnostic

Posters

- P-07 **F. MAERTENS, G. PEUSENS, Y. VANBRABANT, W. VERJANS, S. REMY, T. BELIEN, K. DE JONGHE** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke, Belgium)
- Advancing pear decline phytoplasma detection in Flemish orchards
- P-08 **B.N NGUYEN, M HOFTE, T.T.T HUYNH** (Ghent University, Ghent, Belgium)
- Virulence profiling of fungal and oomycete pathogens causing stem canker on commercial durian varieties in the Central highland, Vietnam
- P-09 **S. MARCOU, L. JACOBS, L. SERGEANT, R. XHAFERI, R. BEX, K. HEUNGENS, M. HOFTE** (Ghent University, Ghent, Belgium)
- Resolving *Verticillium isaacii* diversity to support biocontrol strategies
- P-10 **K. MACHARIS, L. VLASSELAER, B. NEWMAN, W. SMETS, S. LEBEER, B. DE CONINCK** (KU Leuven, Leuven, Belgium)
- Leveraging strawberry-associated yeasts for fungal disease protection
- P-11 **K. BABA-AISSA, K. MOUSSAOUI, M. VERDEGUER, Z. DJAZOULI** (Saad Dahleb University, Blida, Algeria. Such.)
- Biofungicidal activity of two essential oils against *Fusarium sp.* in citrus
- P-12 **Y.A. SANDY, A.L. ABADI, L.Q. AINI, M.A. SYIB'LI** (Universitas Brawijaya, Malang, Indonesia)
- Global research trends in apple anthracnose caused by *Colletotrichum spp.*
- P-13 **B. DE MEY, J. RIVIERE, D. LANTERBECQ** (Centre pour l'Agronomie et l'Agro-industrie de la Province de Hainaut (C.A.R.A.H asbl), Ath, Belgium)
- Trans-e-Bio: Development of innovative sensors and digital tools for the in-situ detection of phytopathogenic agents
- P-14 **L. VAN VLIERBERGHE, M. HOFTE, K. AUDENAERT, M. MAHILLON, T. TRAN MINH, L. VAN VLIERBERGHE** (Ghent University, Ghent, Belgium)
- CRISPR Cas9 Editing and GFP Labeling in *Sarocladium* for functional studies
- P-15 **G. RACE, M. GENVA, M.L. FAUCONNIER, M. ONGENA** (University of Liège, Gembloux, Belgique)
- A dive into the systemic immune activation induced by surfactin in *Arabidopsis thaliana*
- P-16 **E. BRUGMAN, N. HARDINA, NURMUJAHIDIN, M. BAYU MARIO** (Hasanuddin University, South-Sulawesi, Indonesia)
- Pathogen complex associated with cocoa pod rot in South Sulawesi, Indonesia
- P-17 **I. TRIANTI, A. LATIEF ABADI, N. NOFIA** (University Brawijaya, Malang, Indonesia)
- In vitro studies on *Trichoderma* as a biological control agents of Apple Rot

Posters

- P-18 **E. YILDIRIM, T. TARIK ERPER, D. SONER AKGÜL, Ä.SMAIL ERPER** (Ondokuz Mayıs University, Samsun, Turkey)
- Antifungal effect of some boron salts against *Penicillium digitatum*, the casual agent of green mold of lemon
- P-19 **E. YILDIRIM, Y. FAVGEN, I. ERPER** (Ondokuz Mayıs University, Samsun, Turkey)
- Sensitivity of *Fusarium sambucinum*, the causal agent of dry rot of potato to some potassium and boron salts in vitro bioassays
- P-20 **Z. ASLAN; M. ARLI-SOKMEN, C. GULSER** (Ondokuz Mayıs University, Samsun, Turkey)
- Pepper plants respond differently to tomato spotted wilt virus infection under distinct irrigation levels
- P-21 **M. KORNIICHUK, G. VAN AUBEL, G. MÉTILLON, E. VAN CUTSEM, P. VAN CUTSEM, S. MASSART** (Fytofend S.A.; University of Liège, Gembloux, Belgium)
- COS-OGA & sugar beet: a multi-omics story of pre-emptive defence activation
- P-22 **S. VANDERMOERE, I. EECKHOUT, P. VANHAVERBEKE** (Viaverda, Kruisem, Belgium)
- Resistant cultivars and decision support systems as tools for reducing fungicide inputs in late blight control
- P-23 **M. A. HOSSAIN, A.S. DRISTI, I. AHAMMED, A. SULTANA** (Bangladesh Agricultural University, Mymensingh, Bangladesh)
- Antagonistic and plant growth-promoting *Bacillus thuringiensis* *ameliorates* drought tolerance in rice
- P-24 **G. B. KENOU, A. GOVIN-SANJUDO, E. AIT BARKA, Q. ESMAEEL** (Université de Reims Champagne-Ardenne, Reims, France)
- Lipopeptide-based biocontrol strategies against *Septoria tritici* blotch in wheat
- P-25 **L. VILAIN, N. DUBOIS, L. FOUILLEN, F. DOMERGUE, S. MONGRAND, M.L. FAUCONNIER, M. GENVA** (University of Liege, Gembloux, Belgium)
- Differential contribution of free and esterified jasmonates in plant stress responses
- P-26 **N. NURMUJAHIDIN, B. PATANDJENGI, T. KUSWINANTI, A. ALFIAN DARMAWAN, F. AZZAHRA** (Hasanuddin University, Makassar, Indonesia)
- Endophytic and phyllosphere bacteria for sustainable control of bacterial panicle blight in rice
- P-27 **A. LEQUEUX, M. GENVA, M.L. FAUCONNIER** (University of Liege, Gembloux, Belgium)
- *A. thaliana* phosphoxylipins's: linking lipid signalling to biotic defence

Posters

P-28 **L. ZHOU, N. FENG, D. PRASAD, J. DE ROP, J.C. MARTINS, M. HOFTE** (Ghent University, Ghent, Belgium)

- Dissecting cyclic lipopeptide biosynthesis regulation in *Pseudomonas cichorii*

Nematology

N-01 **G. AYDINLI, E. YILMAZ, S. MENNAN** (Ondokuz Mayıs University, Samsun, Turkey)

- Host status of some medicinal and aromatic plants to *Meloidogyne incognita* and *M. javanica*

N-02 **G. AYDINLI, T. D'ADDABBO, P. VERONICO, M. KOÇ, M.P. ARGENTIERI, S. MENNAN** (Ondokuz Mayıs University, Samsun, Turkey)

- Evaluation of biomass and extracts of three endemic Asteraceae species from Türkiye against the root-knot nematode *Meloidogyne luci*

N-03 **N. DAMME, N. VERMASSEN, S. LIEVRARD, L. SCHELFHOUT, L. TANING, N. VIAENE** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke, Belgium)

- Interceptions of the quarantine nematode *Meloidogyne enterolobii* in Belgium

N-04 **J. CLAERBOUT, N. DAMME, V. GREFFE, M. AMEYE** (Inagro VZW, Roeselare, Belgium)

- A hidden enemy in strawberry plants: the rise of the strawberry foliar nematode

N-05 **N. VIAENE, N. DAMME, N. VERMASSEN, L. FOLCHER, M. GROSSI DE SÁ, D. HATCHER, F. MUNAUT** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke-Melle, Belgium)

- Safeguarding plant health in the EU with help of the EURL for plant parasitic nematodes.

N-06 **M.C KOFFI, B. IRIE, F. SORHO** (Université Felix Houphouët-Boigny, Cocody, Abidjan, Côte d' Ivoire - West Africa)

- Response of *Meloidogyne spp.* to a formulation (NECO) based on plant essential oils

Formulation and Application Technology

F-01 **D. JORDANE, A. NIRSHA, M. HERBIN, J. PASSION, T. GODFROID, D. LANTERBECQ** (CARAH, Ath, Belgium)

- Cold atmospheric plasma technology for seed treatment: development, validation and scaling-up

Posters

- F-02 **E.K. BOURENANE, C. ANDREASAN, A. DALILA, X. WU** (Hassiba Ben Bouali University, Chlef, Algeria)
- Harnessing nanotechnology: chitosan nanoencapsulation of *Lavandula dentata* essential oil for sustainable control of citrus aphids
- F-03 **K. MOUSSAOUI, R. TRAD, K. BABA AISSA, Z.E. DJAZOULI** (Saad Dahleb University of Blida, Blida, Algeria)
- Dose-dependent effects of *Cedrus atlantica* and *Senecio angulatus* essential oils on tomato seed germination

Pesticide Residues: Toxicology and Ecotoxicology

- R-01 **S. SENGUPTA PAL** (Tea Research Association, Kolkata, India)
- Digitalization and sustainability in indian agriculture- prospects for a climate-resilient future
- R-02 **M. RIBAYA, C. BELLENOT, Z. MARMIER, F. KUNTZE, S. TRAMONTINI, L. SPAGNOLO, A. UBOLDI, M. VERILE, E. GACHET, S. VOS** (European Food Safety Authority (EFSA), Parma, Italy)
- EFSA Horizon scanning for plant health: methods and tools to identify and monitor in media emerging threats for the European Union
- R-03 **E. LÓPEZ DÁVILA, L. CARBONELL SORÍ, N. ARMANDO CARBONELL RIVERO, J. DE VRIEZE, J. JIMÉNEZ HERNÁNDEZ, P. SPANOGHE** (Ghent University, Ghent, Belgium)
- Microalgae for circular agriculture and wastewater reuse in Cuba
- R-04 **E. LÓPEZ DÁVILA, W. JONCKHEERE, P. SPANOGHE, T. VAN LEEUWEN** (Ghent University, Ghent, Belgium)
- REENFORCE: strengthening excellence in sustainable crop protection

Agricultural Entomology and Acarology

- E-01 **M. MARKOVIC, S. EREMIJA, G. CESLIJAR, LJ RAKONJAC, J. BOZOVIC, V. STOJANOVIC, B. KONATAR** (Institute of Forestry, Belgrade, Serbia)
- The impact of climate change on outbreaks of the beech leaf mining weevil *Rhynchaenus fagi* L. in Serbia.

Posters

- E-02 **M. ALMOGDAD, K. BARČAUSKAITĖ, A. JONAVIČIENĖ, R. SEMAŠKIENĖ** (Lithuanian Research Centre for Agriculture and Forestry (LAMMC), Kėdainiai distr., Lithuania)
- Bioactivity of ethanolic hemp leaf extract against three key crop Pests
- E-03 **B. LAEKEMAN, E. VAN DEN BERGHE, E. DHOOGHE, J. VERWAEREN, P. LOOTENS** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke; Ghent University, Ghent, Belgium)
- Real-time biotic stress quantification using YOLO-based classification models
- E-04 **F. MAERTENS, M. HEYNEMAN, Y. FOUCART, S. OMMESLAG, A. HAEGEMAN, W. DERMAUW.,** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke, Belgium)
- Rapid molecular identification of insects without the need for primers
- E-05 **T. GOEDEFROIT, E. VANDENBOGAERDE, R. YURDUSEVEN, K. BUNKENS, J. DE MEY, N. EBRAHIMI, J. BONTE, P. QUATAERT, W. DESMEDT, W. DERMAUW** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke, Belgium)
- Predicting *Phytomyza cichorii* activity via phenological and machine learning models
- E-06 **L. GRUYAERT, W. DESMEDT, A. GOOSSENS, E. BIL, K. VAN LAERE, K. CANKAR, F. VAN DAELE, S. MANGELINCKX** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke, Belgium)
- Bitter substances from Chicory as biobased insecticides and targets for resistance breeding.
- E-07 **R. VAN DEN EYNDE, J. DE MEY, F. TEMMERMAN, L. LIPPENS, M. DE SMET, J. BONTE, W. DERMAUW** (Proefstation voor de Groenteteelt, Sint-Katelijne-Waver, Belgium)
- Evaluating quality of *Delia radicum* monitoring in Flanders by COI barcoding
- E-08 **J. AUDENAERT, M. VISSERS, L. VAN REMOORTERE, M. DIERICKX, D. VAN HAECKE, S. ADRIAENSSENS, B. GOBIN** (Viaverda, Destelbergen, Belgium)
- Practical IPM information for the Belgian ornamental sector
- E-09 **I. DEWITTE, A. KUHN, L. HAUTIER, D. SLOS, T. GOEDEFROIT, J. BONTE, A. HAEGEMAN, W. DERMAUW** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke, Belgium)
- From trap to taxon: DNA metabarcoding of Scolytinae
- E-10 **L. GLACET, M. HAUTAIN, D. EGGERMONT, G. PURCARO, F. FRANCIS** (University of Liege, Gembloux, Belgium)
- Chemical clues in honeydew: bacterial volatiles as promising aphid management targets

Posters

- E-11 **J. CLAERBOUT, A. MOLLET, S. JOUBERT, M. AMEYE** (Inagro VZW, Roeselare, Belgium)
- Stimulating aphid natural enemies in strawberry with the integration of banker plant *Lobularia maritima*
- E-12 **M. DIOUF, P.S CISSOKHO, S.M.B DIOP, M. GENVA, M.L. FAUCONNIER, M.T. GUEYE, F. FRANCIS** (University of Liège, Gembloux, Belgium)
- Insecticidal activity of *Lippia alba* (Mill.) essential oil from Senegal against *Callosobruchus maculatus* (Fab.)
- E-13 **L. VALVEKENS, P. QUATAERT, E. D'HAENE, P. PARDON, J. MERTENS** (Flanders Research Institute for Agriculture, Fisheries and Food (ILVO), Merelbeke, Belgium)
- Tree rows as early-season source habitats for arthropods in alley cropping
- E-14 **M.B. MARIO, W. YEREMIA PATASIK, M. MELINA, R. CHANDRA JOSHI, L. KAFLE, I. FERNANDO, W. SYAHRANI** (Hasanuddin University, South Sulawesi, Indonesia)
- Plant waste biomass-derived inert dust for managing *Rhyzopertha dominica*
- E-15 **I. BEN FEKIH, M. DE GROOTE, K. DESSAUVAGES, L. GLACET, F. FRANCIS** (University of Liege, Gembloux, Belgium)
- When pathogens meet predators: EPF in aphid–hoverfly systems
- E-16 **R. LUGENDO ADRIEN, I. BEN FEKIH, N. GAKURU PATIENT, R. CAPARROS MEGIDO, J. PIERREUX, T. KOSSI ULRICK, F. FRANCIS, A. SEGERS** (University of Liège , Gembloux, Belgium)
- Effectiveness of fungal and chemical treatments on aphid infestations in Faba bean crops
- E-17 **W. DERMAUW, V. HUYSHAUWER, S. TRAVELLA, J. BONTE** (Flanders Research Institute for Agriculture, Fisheries and Food ILVO, Merelbeke, Gent)
- First detection of *Scirtothrips dorsalis* in an outdoor laurel nursery in Belgium

Herbology

- H-01 **V. BEAUDOUX, M. GENVA, P. DELAPLACE, C. DE CLERCK, F. BOUCHÃ, M.L. FAUCONNIER** (University of Liege, Gembloux, Belgium)
- Underground chemical war: molecular basis of weed-induced allelopathy in crop systems