

Ghent University Knowledge and Research Platform on Privacy, Information Exchange, Law Enforcement & Surveillance



PIXLES focuses on current societal dilemmas and developments in the context of **privacy, information exchange, law enforcement & surveillance**. It is a flexible, decentralised, interdisciplinary platform for UGent researchers with a legal, criminological, social sciences or STEM profile. It establishes ties with selected experts from the business community and law firms in order to further enhance its **relevance for practice**.

Its goals are fostering knowledge pooling, expert dialogue, research projects, the valorization, social visibility and impact of research results, and the organization of a bi-annual data protection conference.

Its core value is to safeguard privacy while enhancing security.

PIXLES constitutes one of the pillars of the **UGent Metamedica Center**, which conducts and offers interdisciplinary, international research, education and services in health privacy, health law and medical ethics involving and relevant for clinicians, lawyers, medical ethicists and ICT specialists.

PIXLES is also part of the UGent Interdisciplinary Consortium **Digital Innovation for Man and Society**. The consortium's mission is to promote sustainable digital innovation trajectories in support of citizens and society and to prepare young people for digital leadership.

COLLABORATIONS

UGent faculties

Law & Criminology, Engineering & Architecture, Sciences, Arts & Philosophy, Medicine & Health Sciences, Economics & Business Administration

Data Protection Authorities and stakeholders

- **BE** Data Protection Authority, Supervisory Body for Police Information Management
- EU European Data Protection Board ESG BTLE (Borders, Travel, Law Enforcement), Europol Cooperation Board, SIS/VIS/Eurodac/Customs SCG, European Commission, Fundamental Rights Agency (FRA)

CoE Data Protection Committee (T-PD)

UN Special Rapporteur on the Right to Privacy
International Global Privacy Assembly

MEMBERS

| IRCP | ZAP: Gert VERMEULEN, Wim HARDYNS, Willem DEBEUCKELAERE, Mahsa SHABANI, Christophe VANDEVIVER Researchers: Stéphanie DE COENSEL, Sofie DEPAUW, Rachid KERBAB, Anneleen RUMMENS, Frank SCHUERMANS, Thom SNAPHAAN |
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| Law & technology | ZAP: Eva LIEVENS Researchers: Argyro CHATZINIKOLAOU, Liesa KEUNEN, Ingrida MILKAITE, Carl VANDER MAELEN, Judith VERMEULEN, Yueming ZHANG |
| CartoGIS | ZAP: Nico VANDEWEGHE Researcher: Lars DE SLOOVER |
| ELIS | ZAP: Bjorn DE SUTTER Researcher: Bart COPPENS |
| IDLab | ZAP: Ruben VERBORGH |
| IRC | ZAP: Ivan SAEYS |

ARTIFICIAL INTELLIGENCE

Machine learning, knowledge graphs,

DECENTRALISATION & ANONIMITY

Blockchain and cryptocurrencies, personal data vaults, darknet

INFORMATION EXCHANGE & INTEROPERABILITY

BE and EU law enforcement and migration databases and systems

SURVEILLANCE SOCIETY

Signals intelligence, data retention, ANPR, smart cities, IoT, people tracking through sensors

BIOMETRICS

Facial recognition, DNA, fingerprints,...

PRIVACY LAW & ETHICS

CYBERSECURITY

Hacking, information and system security, data breaches

BIG DATA

Data mining

HEALTH PRIVACY

Biobanks, genomic data, predictive genetic research, precision medicine, health wearables, m-health devices, e-health, non-curative decision-making by e.g. insurance companies, employers or the criminal justice system (for interventions aimed at mentally ill offenders, forensic purposes, or even predictive policing)

