

# CALL FOR PAPERS

Information sharing is essential for today's business and societal transactions. Nevertheless, such sharing should not violate the security and privacy requirements dictated by Law, by internal regulations of organisations, and by data subjects. Indeed, security and privacy aspects are central aspects that have to be taken into account within the sharing and communication of private data. Hence, the research in the ambit of the design and development of security and privacy approaches and techniques aiming at securing information sharing with respect to all types of communication networks, including wired and wireless transmission platforms, is very important.

Effectual, rapid, and unfailing electronic data sharing among different parties, while protecting legitimate rights on these data, is a key issue with several shades. Among them is how to translate the high-level law obligations, business constraints, and users' requirements into system-level privacy policies, providing efficient and practical solutions for policy definition and enforcement. TELERISE aims at providing a forum for researchers and engineers, in academia and industry, to foster an exchange of research results, experiences, and products in the area of privacy preserving and secure data management, from a technical and legal perspective. The ultimate goal is to conceive new trends and ideas on designing, implementing, and evaluating solutions for privacy-preserving information sharing, with an eye to cross-relations between ICT and regulatory aspects of data management.

Potential topics include but are not limited to the following:

- ▶ Model-based and experimental assessment of data protection
- ▶ Privacy in identity management and authentication
- ▶ Modeling and analysis languages for representation, visualization, and specification of legal regulations
- ▶ Technical, legal, and user requirements for data protection
- ▶ User-friendly authoring tools to edit privacy preferences
- ▶ IT infrastructures for privacy and security policies management
- ▶ IT infrastructure for supporting privacy and security policies evolution
- ▶ Privacy and security policies conflict analysis and resolution strategies
- ▶ Electronic Data Sharing Agreements representation: languages and management infrastructure
- ▶ Cross-relations between privacy-preserving technical solutions and legal regulations
- ▶ Privacy aware access and usage control
- ▶ Privacy and security policies enforcement mechanisms
- ▶ Privacy preserving data allocation and storage
- ▶ Software systems compliance with applicable laws and regulations
- ▶ Heuristic for pattern identification in law text
- ▶ Empirical analysis of consumer's awareness of privacy and security policies
- ▶ Domains of application are as follows:
  - ▶ Healthcare
  - ▶ Telecommunication and networks
  - ▶ Cloud computing and web services
  - ▶ Mobile devices
  - ▶ Video surveillance
  - ▶ Smart grid, smart cities and smart spaces
  - ▶ Finance and business
  - ▶ Public administration
  - ▶ Social networks

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