



Topical Issue on Privacy, Data Protection, and Digital Identity

Call for Papers

The growing use of digital services is leading to generalized concerns on privacy. Processing of personal data is carried out by all sorts of entities, including, in many cases, third parties. National and/or regional legislation, such as EU's General Data Protection Regulation (GDPR), aims at providing legal assurances in what concerns the protection of personal data/Personal Identifiable Information (PII). On the other hand, an increasing number of frameworks, tools, and applications, demand personal data – such as identity-related data, social security data, financial data, and sensitive individual health data – covering all sorts of areas, from public administration to the private sector. Given the above, ways for guaranteeing privacy, for protecting personal data and for ensuring digital identity have never been so high.

Submissions can be up to 8000 words long, excluding bibliography and appendices. In this context, this topical issue is seeking original, previously unpublished research, not currently under review by another conference or journal, on subject matters that include but are not restricted to:

- privacy enhancing architectures, frameworks, mechanisms, tools, and business processes;
- privacy-enhancing technologies (PETs);
- technical solutions for supporting GDPR compliance;
- data protection Governance;
- technical solutions for supporting consent in information society services;
- technical solutions for supporting child's consent;
- data protection by design and/or data protection by default principles;
- practical implementation of data protection by design and/or by default;
- practical implementation of GDPR compliance in SMEs;
- practical implementation of GDPR compliance in non-profit organizations;
- use of blockchain in privacy protection and/or GDPR compliance;
- privacy-aware identity management;
- privacy-aware access control;
- artificial intelligence and privacy;
- privacy and data protection in cloud-based systems, IoT systems, and smart environments;
- privacy-related risk assessment and management;
- privacy-preserving data/process mining;
- economics of privacy;
- privacy, data protection and digital identity standardization;
- security/cybersecurity for supporting privacy, data protection, and digital identity;
- pilots and use cases.

Contributions describing overall working systems and reporting real world deployment experiences are of particular interest.

Instructions for authors

Go to Online submissions, at <https://www.editorialmanager.com/snsc/default.aspx>, and register as author. Then select the Special Issue (SI) of your choice. This Topical Issue section can be found under the 'Additional Information' Section. Please answer the question: 'Does this manuscript belong to a special issue? Yes/No'. The answer is required. After selecting 'yes', choose the Topical Issue, which will be: Privacy, Data Protection and Digital Identity. There is no template for submissions. However, there are 'Instructions for Authors' that can be seen at:

<https://www.springer.com/computer/journal/42979?detailsPage=societies>

Guest editors

Fernando Boavida, University of Coimbra, Portugal

Andrea Praitano, Maticmind S.p.A, and Hermes University of Rome, Rome, Italy

Georgios V. Lioudakis, ICT above PC, Athens, Greece

Important dates

Full paper submission: December 31st, 2019

1st round of reviews: February 14th, 2020

Revisions due: March 31st, 2020

Final notification of acceptance: April 15th, 2020

Final version due: April 30th, 2020

Publication: second semester of 2020