Advanced Technologies for Data Privacy and Security

Guest Editors:

Dr. Petr Dzurenda
Department of Telecommunications, Brno University of Technology, 616 00 Brno, Czech Republic

Dr. Sara Ricci
Department of Telecommunications, Brno University of Technology, 616 00 Brno, Czech Republic

Dr. Jordi Castellà-Roca
Department of Computer Engineering and Mathematics, Universitat Rovira i Virgili, Av. Països Catalans 26, E-43007 Tarragona, Catalonia, Spain

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Message from the Guest Editors

The current COVID-19 pandemic situation highlights the fact that the protection of users' privacy and their digital identities is a crucial issue. Several new applications with possible impacts on users' privacy have been developed in the last few years to protect citizens and to reduce the risk of infection. Examples are contact tracing and COVID-19 certificate apps. Privacy-enhancing technologies (PETs) play a significant role in data protection. Thanks to PETs, anyone can access digital services anonymously, browse the Internet privately, process outsourced data without disclosing their context, and much more. On the other hand, using big data for digital services brings new challenges.

The general goal of this Special Issue is to contribute to the expansion of knowledge in this field, to increase the protection of users' privacy, their digital identities, and their data in current use case scenarios.

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Special Issue

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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