Message from the PBD 2011 Workshop Organizers

While data privacy was in the past mainly assured through procedures, laws or static access control policies, these protection mechanisms tend to be ineffective once data is ubiquitously available, outsourced to partially untrusted servers or processed by third parties. In addition, most current approaches towards achieving privacy - such as anonymisation and aggregation - are either incompatible with the increasing complexity of data usage or easy to compromise due to advances in statistical analysis and availability of side-information. Recent research tries to provide technical solutions in order to minimize the exposure of sensitive data while still allowing data-driven business models. For example, cryptographic schemes such as Secure Multiparty Computation, data-centric protection schemes such as Enterprise Rights Management or trusted virtualization technologies may be used to make IT systems intrinsically privacy friendly, finally contributing to the vision of “privacy by design.”

The aim of the workshop was to bring together researchers, systems engineers and privacy professionals in order to drive the concept of Privacy by Design and discuss implementation aspects as well as the surrounding legal and economic issues. In total, the workshop features 6 papers covering diverse topics, ranging from privacy-preserving data sharing over efficient specification of privacy policies towards implementation issues. We would like to thank all authors and reviewers who contributed to the success of the workshop and hope that PDB will be an inspiring and fruitful event.

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