



## ***Tutorial on Attribute-Based Credentials - Joint Workshop by ABC4Trust and PrimeLife -***

Date: June 10th, 2011, from 10:00 to 16:30

Location: IBM Research Zurich, Säumerstrasse 4, 8803 Rüschlikon, Switzerland

Cost: no registration fee

joint dinner: June 9th, 19:00, Restaurant Moosegg, Säumerstrasse 31, 8803 Rüschlikon

Trustworthy, yet privacy-preserving authentication is necessary to enable long-term and lifelong privacy for users. Attribute-based credentials offer a solution allowing strong authentication while the user may remain anonymous towards the relying party and without the identity provider learning to know about the websites visited or services deployed by a user. The technology to deploy attribute-based credentials is available with IBM's Identity Mixer and Microsoft's U-Prove. The EC-funded project [ABC4Trust](#) now takes up the heritage of the [PRIME](#) and [PrimeLife](#) projects and will deploy systems using attribute-based credentials in actual production pilots and deliver open reference implementations.

PrimeLife and ABC4Trust welcomes you to a joint tutorial explaining the basics of the technology, its potential spheres of application for privacy-enhancing technologies and some building blocks of the underlying cryptography.

Tutorials will be given by expert researchers from Microsoft and IBM, presenting a common view on Privacy-ABC technologies that encompasses both the U-Prove and Identity Mixer technologies.

09:30-10:00	Welcome coffee in the IBM Cafeteria
Session 1 start 10:00	General introduction to privacy-enhanced attribute-based credentials (Privacy-ABCs) <ul style="list-style-type: none"><li>- Comparison to traditional public-key credentials</li><li>- High-level concepts and features</li><li>- Cryptographic building blocks (high-level overview)</li></ul>
Session 2	Integrating Privacy-ABCs in identity management architectures and policy languages
13:00-14:00	Lunch break in the IBM Cafeteria
Session 3	Real-life application scenarios & demos
Session 4 end: 16:30	Questions and discussion

PrimeLife is pleased to invite participants arriving on Thursday evening for a dinner.

For questions, registration and accommodation information please contact:

[primelife@datenschutzzentrum.de](mailto:primelife@datenschutzzentrum.de)

