Departament d'Enginyeria Telemàtica
UNIVERSITAT POLITÈCNICA DE CATALUNYA

Dear PhD students and professors,

The Doctorate in Telematics Engineering of the UPC invites you to attend this Seminar, organized by the Department of Telematic Engineering.

Seminar title: *Privacy enhancing technologies*
Professor: Claudia Diaz
Postdoctoral researcher at Katholieke Universiteit Leuven
http://homes.esat.kuleuven.be/~cdiaz/
Dates: 14/06/09 – 17/06/09 (16:00-18:30)
Total hours: 10 hours
Room: C3-304 (monday, wednesday), C3-005 (tuesday, thursday)

Contents:
This course will first motivate the need for privacy enhancing technologies and introduce the basic privacy concepts, properties and models. The course will then provide an in-depth overview of various privacy technologies, including techniques for communication privacy, location privacy, and cryptographic protocols for privacy-preserving identity management. The course will explain how these privacy technologies can be combined to build privacy preserving applications, such as social networking platforms or location based services. Finally, the course will show methods to assess the level of security and privacy provided by different techniques."

Short CV:
Claudia Diaz is a postdoctoral researcher at the COSIC research group of the Department of Electrical Engineering (ESAT) at the K.U.Leuven. This group is headed by Professors Bart Preneel, Ingrid Verbauwhede, and Vincent Rijmen. I did my Ph.D. at COSIC supervised by Prof. Bart Preneel and Prof. Joos Vandewalle. Between January and March 2009, she was a research visitor at the Computer Lab Security Group in Cambridge (UK).

Claudia Diaz is the coordinator of the Privacy and Identity Management subgroup, which consists of around 15 people, an Associate Editor of the multidisciplinary Journal on Identity in the Information Society (IDIS), and moreover she was the main contact person in the group for the FIDIS Network of Excellence. Her research topics interest are focused in:

- Formalization, modeling and quantification of privacy properties such as anonymity, unlinkability, unobservability and deniability. - Design and analysis of privacy preserving systems.
- Interdisciplinary aspects of privacy.