



**Workshop  
Security & Trust  
LPWST'2010**



1<sup>st</sup> Luxembourg-Polish Workshop on Security & Trust  
(LPWST 2010)

<http://lpwst2010.uni.lu>

May 6 – 7, 2010  
Castle of Bourglinster, Luxembourg

## Scope and International Aspects

The primary goal of security mechanisms is to provide protection against malicious parties. With the fast emergence of a global Internet featuring computing clouds and heterogeneous computing platform, the security of the hardware resources, the data exchanged and the executions carried on plays an increasingly important role in today's information society. However, in wide range of security challenges the traditional security techniques cannot be applied. These challenges are typically addressed by so called soft security mechanisms were the notion of trust plays major role.

University of Luxembourg (UL) has recently signed agreements on cooperation with two prestigious polish scientific institutions, Institute of Computer Science of Polish Academy of Sciences (IPI-PAN) and Warsaw University of Technology (WUT). The goal of these agreements is focused on student exchange, common supervision of PhD students and scientific collaboration between the researchers of these institutions leading to joint educational and research programs. The Luxembourg-Polish Workshop on Security and Trust is the next step to enhance the cooperation between Luxembourg and Polish academic societies working in the field of security (which constitutes the first research priority of the UL). The workshop aims at grouping high profile research experts of Luxembourg and Poland working in these fields, leading to creation of a platform for research collaboration with international partners.

Topics of interest include, but are not limited to:

- information security and cryptology;
- communication and network security;
- system security and reliability;
- computing grids and cloud security;
- formal methods in security and reliability;
- access and usage control;
- security and privacy policies;
- trust models and trust management;
- fault tolerance;
- electronic voting;
- risk management and business processes.

This inaugural edition of the event will be held May 6-7, 2010 in the beautiful Castle of Bourglinster (Luxembourg). The Castle that dates back from the 13th century is located in the heart of the Grand Duchy (15 kilometers North-East from the city of Luxembourg) and offers a network of pleasant walks and footpaths together with a restaurant owned by a prized cooker.

## Important dates

- Abstract Submission: February 28th, 2010
- Notification of Acceptance: March 15th, 2010
- Workshop: May 6-7, 2010

## Impact on Luxembourg and the Grand Region

This workshop is organized in collaboration of the University of Luxembourg with two prestigious research institutions in Poland. The short-term goal is to provide a meeting place in Luxembourg for knowledge transfer and exchange of ideas with a special focus on security and trust. The long-term goal is to reinforce the scientific cooperation between Luxembourg and Poland. It will incontestably contribute to the quality, international recognition and visibility of the scientific research conducted in the aforementioned domains by the **UL**. It is important to notice that in order to balance the implication of both countries, it has been planned to organize this workshop on a regular bases, alternatively in the Grand Duchy and in Poland.

Finally, this workshop matches the priorities of FNR, the ones of the University and in particular the ones of the new interdisciplinary center (SnT). It will provide a unique opportunity to disseminate key information on security topics by experts from both countries to **a wide audience**. Indeed it is the intention of the organizers to advertize widely the workshop through the website (<http://lpwst2010.uni.lu>), mailing lists, newspapers, etc.

## Organization and International Program Committees

The International Scientific Committee and the Organization Committee are co-chaired by the following persons:

- Professor Franck Leprévost, Vice-Rector for International Relations and Special Projects at the [University of Luxembourg \(UL\)](#);
- Professor Pascal Bouvry, head of the [Computer Science and Communication \(CSC\) Research Unit](#);
- Professor Bjorn Ottersten, head of the [Interdisciplinary Centre for Security, Reliability and Trust \(SnT\)](#);
- Professor Jacek Koronacki, head of the [Institute of Computer Science of Polish Academy of Sciences \(IPI-PAN\)](#);
- Professor Mieczyslaw Muraszkiewicz, Vice-Dean of the [Warsaw University of Technology \(WUT\)](#).

The local coordinators for this workshop are Dr. Marcin Sereczynski ([SnT](#)) and Dr. Sebastien Varrette ([UL](#)).

## Workshop proceedings

This first edition is mostly informal. The talks will be selected on the basis of abstracts submitted by the authors (10 to 15 lines submitted to the [submission web site](#)). Those abstracts will be regrouped in the workshop proceedings provided to the participants of the event.

## Program

The workshop will be divided in tracks as follows:

1. Information Security Management;
2. Trust & Reputation Management;
3. Cryptography and Privacy;
4. Network Security;
5. Protocol & Model Checking;

A social event will be organized in order to provide opportunity of informal discussions. The workshop will be concluded with a special debriefing session involving the heads of the involved institutions.