



Advanced Tools to assess and mitigate the criticality of ICT components and their dependencies over Critical Infrastructures

2016

To enforce the resiliency of Sensitive Services in Europe

2019

ATENA H2020 WORKSHOP

A new cybersecurity for interdependent Critical Infrastructures

Thursday – October 18, 2018, 9:00-17:30

University of Luxembourg and itrust consulting s.à r.l.

Under the patronage of the Minister of the Economy and Foreign Trade Étienne Schneider

Maison des Arts et des Étudiants (MAE), 6, avenue de la Fonte, L-4364 Esch-sur-Alzette

09:00 – 09:30 Welcome and Registration

Prof. Thomas Engel, University of Luxembourg and Dr. Carlo Harpes, itrust consulting sàrl

09:30 – 11:00 Security of the Grid and the ATENA Approach

- (9:30) Keynote: Experiences in Securing Critical Infrastructures and their Operators
- (10:25) Situational awareness
- (10:40) Introduction to ATENA

Dr. Klaus Kursawe ([GridSec](#))
François Thill (Ministère de l'Économie)
Paolo Pucci or Prof. Stefano Panzieri

11:00 – 11:15 Coffee Break

11:15 – 13:00 ATENA Innovations: the theoretical approach

- (11:15) Presentation of the ATENA view and testbed
- (11:45) WP Presentations
- ATENA Security Architecture and Composer Module
- The ATENA Intrusion and Anomaly Detection System (IADS)
- Risk Predictor and Decision Support System
- Security Level Control: The ATENA Approach
- Easy tools for Enhanced Cybersecurity

Dr. Leonid Lev
ATENA consortium
Francesco Malmignati (M. Sc. in Computer Eng.) and Alessandro Giuseppe (PhD cand.)
Prof. Dr. Tiago Cruz
Dr. Chiara Foglietta
Roberto Germanà (M. Sc. in Control Engineering)
Dr. Jean Lancrenon

13:00 – 14:00 Lunch Break

14:00 – 15:30 ATENA Innovations: the practical approach

- Demos and coffee
- Demonstration of the IADS operation in presence of an attack in an industrial testbed
- Demo of Risk Predictor and Decision Support System

Prof. Dr. Tiago Cruz (WP 4)
Dr. Chiara Foglietta (WP 5)

15:30 – 16:30 Panel Discussion

Moderators: Dr. Carlo Harpes (itrust consulting), Mr. Paolo Pucci (Leonardo)

- Dr. Klaus Kursawe
- Mr. François Thill
- Mr. Guarino Andrea
- Dr. Latif Ladid
- Mr. Reinhard Hutter

17:00 – 21:30 Cybersecurity Week

Transfer to Cybersecurity Week Luxembourg Awards and Gala Night