ATENA H2020 WORKSHOP
A new cybersecurity for interdependent Critical Infrastructures

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

By the University of Luxembourg and itrust consulting s.à r.l.
Under the patronage of the Minister of the Economy and Foreign Trade Étienne Schneider
At 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
  Dr. Klaus Kursawe (GridSec)
- 10:00 Situational awareness
  François Thill (Ministère de l’Économie)
- 10:15 Introduction to ATENA
  Paolo Pucci (Leonardo), Prof. Stefano Panzieri (University Roma Tre)

11:00 – 11:15 Coffee Break

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

WP Presentations

- The ATENA Intrusion and Anomaly Detection System (IADS)
  Prof. Dr. Tiago Cruz (Coimbra University)

- ATENA’s Modeling and Interdependency Analysis
  Dr. Ester Ciancamerla (ENEA)

- Risk Predictor and Decision Support System
  Dr. Chiara Foglietta (University Roma Tre)

- Security Level Control: The ATENA Approach
  Mr. Roberto Germanà (CRAT)

- Easy tools for Enhanced Cybersecurity
  Dr. Jean Lancrenon (itrust consulting)

13:00 – 14:00 Lunch Break

14:00 – 15:10 ATENA Innovations: the practical approach - Demos and coffee

- Presentation of the ATENA view and testbed
  Dr. Leonid Lev (IEC)

- Demonstration of the IADS operation in presence of an attack in an industrial testbed
  Prof. Dr. Tiago Cruz (Coimbra University)

- Demo of Risk Predictor and Decision Support System
  Dr. Chiara Foglietta (University Roma Tre)

15:10 – 15:30 Other research projects on Critical Infrastructure Protection

- The H2020 RESISTO project (RESiilience enhancement and risk control platform for communication infraSTructure Operators)
  Prof. Stefano Panzieri (University Roma Tre)

- Two national projects: Smart Grid Luxembourg Cockpit and IDS4ICS
  Dr. Carlo Harpes (itrust consulting)

15:30 – 16:30 Panel Discussion

Moderators: Dr. Carlo Harpes (itrust consulting), Mr. Paolo Pucci (Leonardo)
Dr. Klaus Kursawe, Mr. François Thill, Mr. Reinhard Hutter, Dr. Latif Ladid

17:00 – 21:30 Cybersecurity Week

- Transfer to Cybersecurity Week Luxembourg Awards and Gala Night