BANDO CASSINI JUNIOR 2019
SMART LEARNING FOR CYBERSECURITY
Securing Industrial Control Systems
Roma , 22 novembre 2019 – ore 8.30/16.00
c/o Università degli Studi Roma Tre
Sala Conferenze Dipartimento di Ingegneria – Via Vito Volterra 60

PRESENTATION

The workshop aims to connect important themes such as cybersecurity and critical infrastructures (power grid, water distribution, etc.).

Consequently, Artificial Intelligence can help to identify possible attacks by malicious actor. From this prospective using machine learning inside physical process, it will be possible make a distinction between a normal behaviour of the system and an anomalous one caused by a cyber-attack. One of the most striking attack in critical infrastructures is the worm Stuxnet (2010) for causing damage in a Iranian nuclear plant.

OBJECTIVES OF THE WORKSHOP

The workshop is a starting point for future collaborations between representatives of French and Italian institutions.

In particular, we expect future joint publications and research projects.

Free entry with required registration via link:
http://tiny.cc/BandoCassiniJunior

PROGRAMME

Time	Session
8.30 – 9.00	Registration
9.00 – 9.15	Official greetings
9.15 – 9.45	Fabio Gasparetti, Roma TRE *Recent advancements in Machine Learning for improving information acquisition for awareness in Cybersecurity context*
9.45 – 10.00	Coffee break (offered)
10.00 – 10.30	Francesco Gubinelli, CEA *Artificial and biological intelligence: close but not quite*
10.30 – 11.00	Mauro Conti, univ. of Padua *Can't You Hear Me Knocking: Novel Security and Privacy Threats to Mobile Users*
11.00 – 11.30	Eric Zamaï, INSA Lyon
11.30 – 12.00	Cédric Escudero, INSA Lyon
12.00 – 12.30	Franck Sicard, NAVAL Group
12.30 – 14.00	BREAK
14.00 – 14.30	Riccardo Colelli, Roma TRE *The Smart Extension - Securing legacy devices*
14.30 – 15.00	Stefano Panzieri, Roma TRE *Cyber-physical propagation in critical infrastructures*
15.00 – 15.30	Maurizio Taglioni, SIEMENS Italia *Industrial Security – Protecting Productivity*
15.30 – 15.50	Q&A moderator: Federica Pascucci, Roma TRE
15.50 – 16.00	Final remarks