



# **SAMOVAR-NICT Cybersecurity Seminar**

**Room E102**

**IMT, Télécom ParisTech  
46 rue Barrault 75013 Paris  
October 2<sup>nd</sup>, 2017**

## **Overview**

09:00-09:15 Welcome Cofee  
09:15-09:30 Round-table and Introduction  
09:30-10:45 Models for Cybersecurity  
10:45-11:00 Break  
11:00-11:30 Blockchain-based Privacy Enhancement  
11:30-12:30 NICTER Project Overview by Dr. Inoue  
12:30-14:00 Lunch  
14:00-14:30 IoT Security and International Standardization Activities by Pr. Nakao  
14:30-15:30 Future Networks Security  
15:30-15:45 Break  
15:45-16:15 NICTER Sensor Deployment by Dr. Suzuki  
16:15-17:00 Security Testing Platforms  
17:00-17:15 Closing Remarks by Pr. Debar

## **Detailed Program**

### **Round-table and Introduction**

09:15-09:20 Opening Remarks by Dr. Daisuke Inoue (Cybersecurity Laboratory Director, NICT) & Dr. Gregory Blanc (Associate Professor, Télécom SudParis)

09:20-09:30 Round-table Self-Introduction

### **Models for Cybersecurity**

09:30-10:00 Preservation of Security Properties during the Migration of a Virtual Topology inside a SDN by Fabien Charmet (Ph.D student, Télécom SudParis)

10:00-10:30 Virtual Network Policy Enforcement in Multitenant Environment over Multiple Infrastructure Provider Networks by Francois Boutigny (Ph.D student, Télécom SudParis and Nokia Bell-Labs)

10:30-10:45 Decision-making and IDS/IRS Optimization by Dr. Christophe Kiennert (Researcher, Télécom SudParis)



10:45-11:00 Break

## Blockchain-based Privacy Enhancement

11:00-11:30 A Blockchain-based Data Usage Auditing Architecture with Enhanced Privacy and Availability by Dr. Nesrine Kaaniche (Researcher, Télécom SudParis)

## NICT Invited Talk #1

11:30-12:30 NICTER Project Overview, including a demonstration by Dr. Daisuke Inoue (Cybersecurity Laboratory Director, NICT)

12:30-14:00 Lunch

## NICT Invited Talk #2

14:00-14:30 IoT Security and International Standardization Activities by Pr. Koji Nakao (Executive Research Director, NICT)

## Future Networks Security

14:30-15:00 Detection of Attacks against Cyber-Physical Industrial Systems by Dr. Jose Rubio-Hernan (Researcher, Télécom SudParis)

15:00-15:30 A First Step towards Security Extension for NFV Orchestrator by Montida Pattaranantakul (Ph.D student, Télécom SudParis and IMT Lille-Douai)

15:30-15:45 Break

## NICT Invited Talk #3

15:45-16:15 Technical Details of NICTER Sensor Deployment by Dr. Mio Suzuki (Senior Technical Researcher, NICT)

## Security Testing Platforms

16:15-16:30 OpenStack - OpenDaylight Integration: Compute, Storage and Network Orchestration by Dr. Ion Popescu (Researcher, Télécom SudParis)

16:30-16:45 Legitimate Tra\_c Generation for IDS Evaluation by Cuong Pham (Research engineer, Télécom SudParis)

16:45-17:00 Availability Policy Deployment in Multi-Cloud Environment by Dr. Khalifa Toumi (Researcher, Télécom SudParis)

## Closing Remarks

17:00-17:15 Wrap-up by Pr. Herve Debar (Professor, Télécom SudParis)