

French-American Doctoral Exchange Seminar

Cybersecurity

LORIA, Campus Scientifique, 615 Rue du Jardin botanique, 54506 Vandœuvre-lès-Nancy
Lundi 12 Juin de 9 :00 à 16 :00 – Salle C103

9:00 am – 9:30 am: Welcome remarks – Hervé Martin, Jean-Yves Marion

9:30 am – 10:30 am: Keynote Speeches – Steve Kremer, Emmanuel Thomé

10:00 am – 12:00 am: FADEx Laureates' Pitches

- **Elissa Redmiles**, University of Maryland, “*Toward Personalized and Effective System Security via User Education and Behavior Change*”
- **Geoffroy Couteau**, École Normale Supérieure, “*Secure Two-Party Computation*”
- **Joshua Joy**, University of California – Los Angeles, “*Real-Time Privacy-Preserving Data Collection*”
- **Pierre-Marie Bajan**, Université Paris-Saclay, “*Simulation of activities and attacks: application to cyberdefense*”
- **Elisavet Kozyri**, Cornell University, “*Reactive Information Flow Control: Static and Dynamic Enforcement*”
- **Sylvain Cecchetto**, Université de Lorraine, “*Data flow analysis in malicious binary codes and detection of malicious behaviors*”
- **Fatma Betül Durak**, Rutgers University, “*Do We Compute On Encrypted Data Securely?*”
- **Cédric Lefebvre**, Université de Toulouse, “*Homomorphic encryption and networks services*”
- **Mehdi Sabraoui**, University of Louisville, “*Formal Methods for Verifying Secure ICS Protocols*”
- **Hoang-Long Nguyen**, Université de Lorraine, “*A Trust Based Authorization Model and Framework for the Cloud*”

1:30 pm – 4:00 pm: FADEx Laureates' Presentations

- **Soteris Demetriou**, University of Illinois at Urbana-Champaign, “*Tackling Emerging Security and Privacy Threats Stemming from Latent Objects in the IoT*”
- **Anca Nitulescu**, Ecole Normale Supérieure, “*Efficient Protocols for Privacy and Integrity in the Cloud*”
- **Mahmood Sharif**, Carnegie Mellon University, “*System and network security, Human and societal aspects of security and privacy*”
- **Maria Méndez Real**, Université de Bretagne-Sud, “*Secure Deployment of Parallel Applications on Many-Core Architectures*”
- **Yixin Sun**, Princeton University, “*Designing Next-Generation Anonymity Systems*”
- **Pierre Laperdrix**, INSA de Rennes, “*Secretless moving-target against browser fingerprinting*”
- **Adrian Tang**, Columbia University, “*Rethinking Security at Commodity Hardware-Software Interfaces*”
- **Sophie Dramé-Maigné**, Télécom SudParis, “*Dynamic token-based authorization systems for securing communications in the Internet of Things*”
- **James Wagner**, DePaul University, “*Interpreting Relational Database Behavior through a Universal Storage Model*”
- **Damien Marion**, Télécom ParisTech, “*Advanced Side Channel Attacks against Embedded Protected Systems*”