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”
- 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”
- 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”