

 1st Cyber Security in Networking Conference CSNet'17 October 18 – 20, 2017 Rio de Janeiro, Brazil	
Technical Program	
Wednesday, October 8, 2017	Securing Virtual Machine Orchestration with Blockchains Nikola Bozic (LIP6 and SQUAD, France); Guy Pujolle and Stefano Secci (UPMC, France) Comparative Analysis of Blockchain Technologies and TOR Network Two Faces of the Same Reality Joanna Moubarak (USJ, Lebanon); Eric Filiol (ESIEA, France); Maroun Chamoun (Université Saint Joseph, Lebanon)
8:00 – 8:45 Registration 8:45 – 9:00 Conference Opening	12:30 – 14:00 Lunch
9:00 – 10:00 Session 1: Botnet BotGM: Unsupervised Graph Mining to Detect Botnets in Traffic Flows Sofiane Lagraa (Inria, France); Jérôme François and Abdelkader Lahmadi (INRIA Nancy Grand Est, France); Marine Minier (LORIA - Université de Lorraine, France); Christian Hammerschmidt and Radu State (University of Luxembourg, Luxembourg) A Cooperation-Aware Virtual Network Function for Proactive Detection of Distributed Port Scanning Igor J. Sanz (UFRJ, Brazil); Martin E. Andreoni Lopez (UFRJ, Brazil & UPMC, France); Diogo Mattos (UFRJ & GTA, Brazil); Otto Carlos M. B. Duarte (UFRJ, Brazil)	14:00 - 14:30 Invited talk “Privacy and Security: Maintening services in the Cloud” Thomas Langër (University of Lausanne, Switzerland)
10:30 – 11:00 break	14:30 - 16:00 Poster session
11:00 - 12:30 Keynote speech “Cyber security at the service of citizens, organizations and states: issues and future ” Solange Ghernaouti (Swiss Cybersecurity Advisory & Research Group, University of Lausanne)	16:00 - 16:30 Break
12:30 – 14:00 Lunch	16:30 – 18:00 Session 5 – Certificates and Cryptography Identity Based Cryptography (IBC) Based Key Management System (KMS) for Industrial Control Systems Zakarya Drias (225 Promenade des Anglais & Schneider Electric, France); Olivier Vogel (Manager, France); Ahmed Serhrouchni (ENST, France) On DGHV and BGV Fully Homomorphic Encryption Scheme Khalil Hariss (Lebanese University, Lebanon); Maroun Chamoun (Université Saint Joseph, Lebanon); Abed Ellatif Samhat (Lebanese University, Lebanon) Using Butterfly Keys: a Performance Study of Pseudonym Certificates Requests in C-ITS Badis Hammi, Jean-Philippe Monteuis, Houda Labiod, Rida Khatoun, Ahmed Serhrouchni (Telecom ParisTech, France)
14:00 - 14:30 Invited talk “Cybersecurity Investment in the Context of Critical Infrastructures Protection: a Game Theory Approach ” Dimitri Percia David (ETH ZURICH)	20:00 Gala dinner
14:30 – 16:00 Session 2: IOT SECURITY Fake Timing Attack Against Behavioural Tests Used in Embedded IoT M2M Communications Valerio Selis and Alan Marshall (University of Liverpool, United Kingdom) An Approach for Secure Edge Computing in the Internet of Things Markus Endler (Pontificia Universidade Católica do Rio de Janeiro, Brazil); Anderson Silva and Rafael Cruz (PUC-Rio, Brazil) A Lightweight IoT Security Protocol Mohamed Tahar Hammi (Telecom ParisTech, France); Erwan Livolant (Boost-Conseil & AFNet, France); Patrick Bellot, and Ahmed Serhrouchni (Telecom ParisTech, France); Pascale Minet (INRIA, France)	Friday, October 20, 2017
16:00 – 16:30 break	9:00 - 10:30 Keynote speech “Blockchain: making money and business from networks and energy: the new Internet age?” Pascla Urien (Mines-Telecom, France)
16:30 – 18:00 Session 3: Security Management 2 dynSMAUG: A dynamic security management framework driven by situations Romain Laborde, Arnaud Oglaza, François Barrère and Abdelmalek Benzekri (Université Paul Sabatier, France) A Cooperative Approach for a Global Intrusion Detection System for Internet Service Providers Renato Souza Silva (UFRJ & Oi, Brazil); Evandro Luiz Cardoso Macedo (UFRJ, Brazil) Collecting and Characterizing a Real Broadband Access Network Traffic Dataset Martin E. Andreoni Lopez (UFRJ, Brazil & UPMC, France); Renato Souza Silva (UFRJ & Oi, Brazil); Igor Alvarenga, Gabriel Rebello, Igor J. Sanz, Antonio Lobato, Diogo Mattos, Otto Carlos M. B. Duarte (UFRJ, Brazil); Guy Pujolle (UPMC, France)	10:30 – 11:00 break
11:00 – 12:30 Session 4: Blockchain Applications Bitcoin Transaction: From the Creation to Validation, a Protocol Overview Valentin Vallois (Beamap, Sopra Steria group, France), Fouad Amine Guenane (Beamap, Sopra Steria group, France)	11:00 – 12:30 Session 6: Miscellaneous Magic Always Comes with a Price: Utility Versus Security for Bank Cards Nour El Madhoun (UPMC, France); Emmanuel Bertin (Orange Labs, France) Secure and Resilient Scheme for Data Protection in Unattended Wireless Sensor Networks Katarzyna Kapusta, Gerard Memmi (Telcom ParisTech, France); Hassan Noura (American University of Beirut, Electrical and Computer Engineering, Lebanon) Multilingual Cyberbullying Detection System: Detecting Cyberbullying in Arabic Content Batoul Haidar (USJ, Lebanon); Maroun Chamoun (Université Saint Joseph, Lebanon); Ahmed Serhrouchni (Telecom ParisTech, France)
Thursday, october 19, 2017	12:30 – 14:00 Lunch
9:00 - 10:30 Keynote speech The Cat-and-Mouse Game: Searching for Security Intelligence in the Era of IoT and Blockchain Michele Nogueira (Federal University of Parana, Brazil)	14:00 - 14:30 Invited talk “User Profile and Cybersecurity ” Guy Pujolle (University Pierre & Marie Curie, France)
10:30 – 11:00 break	14:30 – 16:00 Session 7: Cloud Security Side-Channels Beyond the Cloud Edge: New Isolation Threats and Solutions Mohammad Mahdi Bazm and Marc Lacoste (Orange Labs, France); Mario Südholt (IMT Atlantique, France); Jean-Marc Menaud (IMT-A & INRIA & LS2N, France) A Ranking Based Privilege Model for Privacy in Location Based Services Varun Sharma (University of Delaware, USA), Hassan Noura (American University of Beirut, Electrical and Computer Engineering, Lebanon)
11:00 – 12:30 Session 4: Blockchain Applications Bitcoin Transaction: From the Creation to Validation, a Protocol Overview Valentin Vallois (Beamap, Sopra Steria group, France), Fouad Amine Guenane (Beamap, Sopra Steria group, France)	16:00 – 16:30 break
More details and Registration: http://csnet2017.dnac.org/	16:30 – 17:30 Ronde table / Closing Conference