Program IFIP SEC 2014

Session 1: Intrusion Detection

- Paper 39: Nizar Kheir, Frédéric Tran, Pierre Caron and Nicolas Deschamps. Mentor: Positive DNS Reputation to Skim-off Benign Domains in Botnet C&C Blacklists
- Paper 37: Andrew Fielder, Emmanouil Panaousis, Pasquale Malacaria, Chris Hankin and Fabrizio Smeraldi. Game Theory Meets Information Security Management
- Paper 116: Marco Rocchetto, Martín Ochoa and Mohammad Torabi Dashti. Model-based Detection of CSRF
- Paper 35 (short paper): Ibnu Mubarok, Kiryong Lee, Sihyung Lee and Heejo Lee. Lightweight Resource Management for DDoS Traffic Isolation in a Cloud Environment

Session 2: Data Security

- Paper 117: Mikhail Strizhov and Indrajit Ray. Multi-keyword Similarity Search Over Encrypted Cloud Data
- Paper 89: Kevin Atighehchi, Alexis Bonnecaze and Traian Muntean. Authenticated dictionary based on frequency
- Paper 92 (short paper): Thomas Bourgeat, Julien Bringer, Hervé Chabanne, Robin Champenois, Jeremie Clement, Houda Ferradi, Marc Heinrich, Paul Melotti, David Naccache and Antoine Voizard. Three New Fingerprint Recognition Methods Based On Vicinity Matching
- Paper 106 (short paper): Andrea Kolberger, Ingrid Schaumüller-Bichl, Verena Brunner and Martin Deutschmann. Protection Profile for PUF-based Devices

Session 3: Mobile Security

- Paper 93: Hataichanok Saevanee, Nathan Clarke, Steven Furnell and Valerio Biscione. Text-Based Active Authentication for Mobile Devices
- Paper 75: Gökhan Bal, Kai Rannenberg and Jason Hong. Styx: Design and Evaluation of a New Privacy Risk Communication Method for Smartphones
- Paper 82: Bastian Braun, Martin Johns, Johannes Koestler and Joachim Posegga. A Trusted UI for the Mobile Web
- Paper 77: Xin Sun, Yibing Zhongyang, Zhi Xin, Bing Mao and Li Xie. Detecting Code Reuse in Android Applications Using Component-Based Control Flow Graph

Session 4: Identifiability and Decision Making

- Paper 47: Yang Min and K P Chow. Hierarchical Authorship Attribution with Topic-sentiment Model
- Paper 138 (short paper): Christoph Bier and Jonas Prior. Detection and Labeling of Personal Identifiable Information in E-Mails
- Paper 20 (short paper): Nor Athiyah Abdullah, Dai Nishioka, Yuko Tanaka and Yuko Murayama. The Factors Related to User's Decision Making towards Retweet Messages during Emergencies

Session 5: Malicious Behavior and Fraud

- Paper 121: Abdallah Ghourabi, Tarek Abbes and Adel Bouhoula. Behavior Analysis of Web Service Attacks
- Paper 80: Michele Carminati, Roberto Caron, Federico Maggi, Ilenia Epifani and Stefano Zanero. BankSealer: An Online Banking Fraud Analysis and Decision Support System
- Paper 101 (short paper): Gürkan Gür, Levent Altay and Şerif Bahtiyar. Security Assessment of Payment Systems Under PCI DSS Incompatibilities

Session 6: Metrics and Risk Assessment

- Paper 113: Dominik Herrmann, Max Maaß and Hannes Federrath. Evaluating the Security of a DNS Query Obfuscation Scheme for Private Web Surfing
- Paper 124: Khalid Nasr and Anas Abou El Kalam. A Novel Metric for the Evaluation of IDSs Effectivenes
- Paper 76 (short paper): Gabriela Varona Cervantes and Stefan Fenz. How to assess confidentiality requirements of corporate assets?
- Paper 139 (short paper): Suhaila Ismail, Elena Sitnikova and Jill Slay. Towards Developing SCADA Systems Security Measures for Critical Infrastructures against Cyber-Terrorist Attacks

Session 7: Information Flow Control

- Paper 65: Thomas Bauereiss and Dieter Hutter. Compatibility of Safety Properties and Possibilistic Information Flow Security in MAKS
- Paper 81: Bastian Braun, Caspar Gries, Benedikt Petschkuhn and Joachim Posegga. Ghostrail: Ad Hoc Control-Flow Integrity for Web Applications
- Paper 74: José Fragoso Santos and Tamara Rezk. An Information Flow Monitor-Inlining Compiler for Securing a Core of JavaScript

Session 8: Identity Management

- Paper 132: Mee Loong Yang Yang, Adnan Al Anbuky and William Liu. Security of the Multiple-Key Blom's Key Agreement Scheme for Sensor Networks
- Paper 147: Daniela Pöhn, Stefan Metzger and Wolfgang Hommel. Geant-TrustBroker: Dynamic, scalable management of SAML-based inter-federation authentication and authorization infrastructures
- Paper 28 (short paper): Miaomiao Tian and Liusheng Huang. Identity-based signature from lattice: Efficient construction and an extension
- Paper 44 (short paper): Yair H. Diaz-Tellez, Eliane L. Bodanese, Theo Dimitrakos and Michael Turner. CONTEXT-AWARE MULTIFACTOR AUTHENTICATION SCHEME BASED ON A DYNAMIC PIN

Session 9: Privacy I

- Paper 53: Zacharias Tzermias, Vassilis Prevelakis and Sotiris Ioannidis. Privacy Risks from Public Data Sources
- Paper 95: Qasim Mahmood Rajpoot and Christian Damsgaard Jensen. Security and Privacy in Video Surveillance: Requirements and Challenges
- Paper 43: Guojun Qin, Constantinos Patsakis and Mélanie Bouroche. Playing Hide and Seek with Mobile Dating Applications
- Paper 71 (short paper): Fatbardh Veseli, Tsvetoslava Vateva-Gurova, Ioannis Krontiris, Kai Rannenberg and Neeraj Suri. Benchmarking Criteria for Privacy-ABC Technologies

Session 10: Organizational Security

- Paper 41: Andreas Put, Italo Dacosta, Milica Milutinovic and Bart De Decker. PriMan: Facilitating the Development of Secure and Privacy-Preserving Applications
- Paper 69: Lena Connolly and Michael Lang. Managing Employee Security Behaviour in Organisations: The Role of Cultural Factors and Individual Values
- Paper 128 (short paper): Gurpreet Dhillon, Romilla Chowdhuri and Cristiane Pedron. Organizational Transformation and Emergent Information Security Culture: a telecom case study
- Paper 109 (short paper): Theodoros Spyridopoulos, Ioanna-Aikaterini Topa, Theo Tryfonas and Maria Karyda. A holistic approach for Cyber Assurance of Critical Infrastructure through Viable System Modelling

Session 11: Privacy II

- Paper 148: Jaap-Henk Hoepman. Privacy Design Strategies (extended abstract)
- Paper 86: Alberto Blanco, Josep Domingo-Ferrer, Oriol Farràs and David Sánchez. Distance Computation between Two Private Preference Functions
- Paper 21: Nashad Safa, Rei Safavi-Naini and Siamak Shahandashti. Privacy-Preserving Implicit Authentication
- Paper 78 (short paper): Jan Vossaert, Jorn Lapon, Bart De Decker and Vincent Naessens. Trusted Computing to Increase Security and Privacy in eID Authentication