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Track Co-Chairs: Fabio Mercurio, University of Milano-Bicocca, Italy
Mario Mezzanzanica, University of Milano-Bicocca, Italy
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Track Co-Chairs: Keon Myung Lee, Chungbuk National University, South Korea
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Frédéric Louergue, Northern Arizona University, USA
Mirko Viroli, Alma Mater Studiorum - Università di Bologna, Italy
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Track Co-Chairs: Ronald Petric, Federal Commissioner for Data Protection and Freedom of Information, Germany
Christoph Sorge, Saarland University, Germany

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| <i>Fernando Pérez-González, University of Vigo, Spain</i> | |

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| <i>Mirko Polato, University of Padua, Italy</i> | |
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| <i>Jan Jürjens, University of Koblenz Landau, Germany</i> | |
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| <i>Kim Wuyts, KU Leuven, Belgium</i> | |
| <i>Laurens Sion, KU Leuven, Belgium</i> | |
| <i>Dimitri Van Landuyt, KU Leuven, Belgium</i> | |
| <i>Ivo Emanuilov, KU Leuven, Belgium</i> | |
| <i>Peggy Valcke, KU Leuven, Belgium</i> | |
| <i>Wouter Joosen, KU Leuven, Belgium</i> | |
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| Track Co-Chairs: | Barrett Bryant, University of North Texas, USA |
| | Rajeev Raje, Indiana University-Purdue University-Indianapolis, USA |
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| <i>Rodrigo G. Ribeiro, Universidade Federal de Ouro Preto, Brazil</i> | |
| <i>Leonardo V.S. Reis, Universidade Federal de Juiz de Fora, Brazil</i> | |
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| <i>Roberto S. Bigonha, Universidade Federal de Minas Gerais, Brazil</i> | |
| <i>Vladimir O. Di Iorio, Universidade Federal de Viçosa, Brazil</i> | |
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| <i>Marcos Didonet Del Fabro, Federal University of Paraná, Brazil</i> | |
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| <i>Frédéric Loulergue, Northern Arizona University, USA</i> | |
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| Track Co-Chairs: | Maria Lencastre, Universidade de Pernambuco, Brazil |
| | João Araújo, NOVA LINCS, Universidade Nova de Lisboa, Portugal |
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| <i>Fuyuki Ishikawa, National Institute of Informatics, Japan</i> | |

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| <i>Jennifer Brings, University of Duisburg-Essen, Germany</i> | |
| <i>Torsten Bandyszak, University of Duisburg-Essen, Germany</i> | |
| <i>Thorsten Weyer, University of Duisburg-Essen, Germany</i> | |

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| <i>Ahmad Samer Wazan, University Paul Sabatier, France</i> | |
| <i>Francois Barrere, University Paul Sabatier, France</i> | |
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| <i>Arnaud Blouin, University Rennes, France</i> | |
| <i>Ahmed Bouabdallah, IMT Atlantique, France</i> | |
| <i>Nicolas Aillery, Orange, France</i> | |

Poster Papers

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| <i>F. Palumbo, Università degli Studi di Sassari, Italy</i> | |
| <i>J. Adriaanse, TNO, The Netherlands</i> | |
| <i>H. Myrhaug, Ambiesense, UK</i> | |
| <i>F. Regazzoni, Università della Svizzera Italiana, Switzerland</i> | |
| <i>M. Sanchez, Thales Alenia Space, Greece</i> | |
| <i>K. Zedda, Abinsula, Spain</i> | |

Student Research Abstract

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| <i>Muhammad Azeem Akbar, Chongqing University, China</i> | |

Theme: System Software and Security

RS - Recommender Systems: Theory and Applications Track

Track Co-Chairs: Markus Zanker, Free University of Bozen-Bolzano, Italy
 Li Chen, Hong Kong Baptist University, China
 Panagiotis Symeonidis, Free University of Bozen-Bolzano, Italy
 Yong Zheng, Illinois Institute of Technology, USA

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| <i>Christoph Rensing, Technische Universität Darmstadt, Germany</i> | |
| <i>Ralf Steinmetz, Technische Universität Darmstadt, Germany</i> | |
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SATTA - Software Architecture: Theory, Technology, and Applications Track

Track Co-Chairs: Marcello M. Bersani, Politecnico di Milano, Italy
Sungwon Kang, Korea Advanced Institute of Science and Technology, South Korea
Patrizia Scandurra, DIGIP, University of Bergamo, Italy

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Xiwei Xu, University of New South Wales, Australia
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Shiping Chen, University of New South Wales, Australia
Liming Zhu, University of New South Wales, Australia

Aiding the Realization of Service-oriented Distributed Systems 1687

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Naouel Moha, Université du Québec à Montréal, Canada
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Theodoros Amanatidis, University of Macedonia, Greece

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SE - Software Engineering Track

Track Co-Chairs: Tao Zhang, Harbin Engineering University, China
Byungjeong Lee, University of Seoul, South Korea
Eunjee Song, Baylor University, USA

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| <i>Terhi Kilamo, Tampere University of Technology, Finland</i> | |
| <i>Mikko Puonti, Solita Ltd, Finland</i> | |
| <i>Tommi Mikkonen, University of Helsinki, Finland</i> | |
| <i>Tomi Männistö, University of Helsinki, Finland</i> | |
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| <i>Leire Etxeberria, Mondragon Unibertsitatea, Spain</i> | |
| <i>Xabier Elkorobarrutia, Mondragon Unibertsitatea, Spain</i> | |
| <i>Goiuria Sagardui, Mondragon Unibertsitatea, Spain</i> | |
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| <i>Hermann Kaindl, Technische Universität Wien, Austria</i> | |
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| <i>Théo Le Calvar, Université d'Angers - LERIA, France</i> | |
| <i>Fabien Chhel, ERIS, ESEO-TECH, France</i> | |
| <i>Frédéric Jouault, ERIS, ESEO-TECH, France</i> | |
| <i>Frédéric Saubion, Université d'Angers - LERIA, France</i> | |
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| Usability Evaluation of VR products in Industry – A Systematic Literature Review | 1831 |
| <i>Sai Anirudh Karre, International Institute of Information Technology Hyderabad, India</i> | |
| <i>Neeraj Mathur, International Institute of Information Technology Hyderabad, India</i> | |
| <i>Y. Raghu Reddy, International Institute of Information Technology Hyderabad, India</i> | |
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| <i>Vinicius Gomes Ferreira, University of Brasília, Brazil</i> | |
| <i>Edna Dias Canedo, University of Brasília, Brazil</i> | |
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| <i>Mohd Syafiq Zolkeply, Cardiff University, UK</i> | |
| <i>Jianhua Shao, Cardiff University, UK</i> | |
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| Mining Constraints for Monitoring Systems of Systems | 1850 |
| <i>Thomas Krismayer, Johannes Kepler University, Austria</i> | |
| <i>Rick Rabiser, Johannes Kepler University, Austria</i> | |
| <i>Paul Grünbacher, Johannes Kepler University, Austria</i> | |
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| <i>Tommi Meskanen, University of Helsinki, Finland</i> | |
| <i>Valtteri Niemi, University of Helsinki, Finland</i> | |
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| Synthesising Call Sequences from OCL Operational Contracts | 1857 |
| <i>Hao Wu, Maynooth University, Ireland</i> | |

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| TestLocal: Just-In-Time Parametrized Testing of Local Variables | 1860 |
| <i>Marcel Heimlich, Texas Tech University, USA</i> | |
| <i>Akbar Siami Namin, Texas Tech University, USA</i> | |
| Towards a Requirements Language for Modeling Emotion in Videogames | 1864 |
| <i>Gonçalo Miguéis, FCT/UNL, Portugal</i> | |
| <i>João Araujo, FCT/UNL, Portugal</i> | |
| <i>Ana Moreira, FCT/UNL, Portugal</i> | |
| VeriCCM: Improving the Syntax and Semantics of Requirements Models | 1867 |
| <i>Danielle Gaither, University of North Texas, USA</i> | |
| <i>Kaushik Madala, University of North Texas, USA</i> | |
| <i>Hyunsook Do, University of North Texas, USA</i> | |
| <i>Barrett R. Bryant, University of North Texas, USA</i> | |
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| <i>Hina Gul Afridi, IQRA National University, Pakistan</i> | |
| Theme: System Software and Security | |
| SEC - Computer Security Track | |
| Track Co-Chairs: | Giampaolo Bella, Università di Catania, Italy |
| | Rosario Giustolisi, IT University of Copenhagen, Denmark |
| Track Editorial | 1874 |
| A Coarse-Grained Password Model with Memorable Unit-Based Recurrent Neural Networks | 1876 |
| <i>Rui Xu, Chinese Academy of Sciences, China</i> | |
| <i>Xiaojun Chen, Chinese Academy of Sciences, China</i> | |
| <i>Jinqiao Shi, Chinese Academy of Sciences, China</i> | |
| A Real-Time Remote IDS Testbed for Connected Vehicles | 1884 |
| <i>Valentin Zieglmeier, Technical University of Munich, Germany</i> | |
| <i>Severin Kacianka, Technical University of Munich, Germany</i> | |
| <i>Thomas Hutzelmann, Technical University of Munich, Germany</i> | |
| <i>Alexander Pretschner, Technical University of Munich, Germany</i> | |
| Coauthentication | 1892 |
| <i>Jay Ligatti, University of South Florida, USA</i> | |
| <i>Cagri Cetin, University of South Florida, USA</i> | |
| <i>Shamaria Engram, University of South Florida, USA</i> | |
| <i>Jean-Baptiste Subils, University of South Florida, USA</i> | |
| <i>Dmitry Goldgof, University of South Florida, USA</i> | |
| Detection of Algorithmically Generated Domain Names used by Botnets: A Dual Arms Race | 1902 |
| <i>Jan Spooren, KU Leuven, Belgium</i> | |
| <i>Davy Preuveneers, KU Leuven, Belgium</i> | |
| <i>Lieven Desmet, KU Leuven, Belgium</i> | |
| <i>Peter Janssen, , Belgium</i> | |
| <i>Wouter Joosen, KU Leuven, Belgium</i> | |

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| Enabling Change-Driven Workflows in Continuous Information Security Management | 1910 |
| <i>Michael Brunner, University of Innsbruck, Austria</i> | |
| <i>Andrea Mussmann, University of Innsbruck, Austria</i> | |
| <i>Ruth Breu, University of Innsbruck, Austria</i> | |
| Secure Multi-Execution in Android | 1920 |
| <i>Dhiman Chakraborty, Saarland University, Germany</i> | |
| <i>Christian Hammer, University of Potsdam, Germany</i> | |
| <i>Sven Bugiel, CISPA – Helmholtz Center for Information Security, Germany</i> | |
| Spectre without Shared Memory | 1930 |
| <i>Ben Amos, Ben-Gurion University of the Negev, Israel</i> | |
| <i>Niv Gilboa, Ben-Gurion University of the Negev, Israel</i> | |
| <i>Arbel Levy, Ben-Gurion University of the Negev, Israel</i> | |
| Static Security Evaluation of an Industrial Web Application | 1938 |
| <i>Gebrehiwet B. Welearegai, University of Potsdam, Germany</i> | |
| <i>Max Schlueter, University of Potsdam, Germany</i> | |
| <i>Christian Hammer, University of Potsdam, Germany</i> | |
| The ROP Needle: Hiding Trigger-based Injection Vectors via Code Reuse | 1948 |
| <i>Pietro Borrello, Sapienza University of Rome, Italy</i> | |
| <i>Emilio Coppa, Sapienza University of Rome, Italy</i> | |
| <i>Daniele Cono D'Elia, Sapienza University of Rome, Italy</i> | |
| <i>Camil Demetrescu, Sapienza University of Rome, Italy</i> | |
| Towards Automated Network Mitigation Analysis | 1957 |
| <i>Patrick Speicher, Saarland University, Germany</i> | |
| <i>Marcel Steinmetz, Saarland University, Germany</i> | |
| <i>Jörg Hoffmann, Saarland University, Germany</i> | |
| <i>Michael Backes, Saarland University, Germany</i> | |
| <i>Robert Künnemann, Saarland University, Germany</i> | |
| <i>Student Research Abstract</i> | |
| Student Research Abstract: ``Hard to Understand, Easy to Ignore'': An Automated Approach to Predict Mobile App Permission Requests | 1965 |
| <i>Majid Hatamian, Goethe University Frankfurt, Germany</i> | |
| Student Research Abstract: Digital Forensics in the Internet of Things | 1969 |
| <i>Monina Schwarz, Universität Hamburg, Germany</i> | |

Theme: Information Systems

SFECS - Sustainability of Fog/Edge Computing Systems Track

Track Co-Chairs: Christian Esposito, University of Napoli "Federico II", Italy
Florin Pop, University POLITEHNICA of Bucharest, and National Institute of
Research, Romania
Chang Choi, Chosun University, South Korea

Track Editorial 1972

Evaluation of ACE Properties of Traditional SQL and NoSQL Big Data Systems 1974

Maria Teresa Gonzalez-Aparicio, University of Oviedo, Spain

Muhammad Younas, Oxford Brookes University, UK

Javier Tuya, University of Oviedo, Spain

Rubén Casado, Accenture Digital, Spain

Fog Computing as the Key for Seamless Connectivity Handover in Future Vehicular Networks 1982

Maria Rita Palattella, Luxembourg Institute of Science and Technology, Luxembourg

Ridha Soua, University of Luxembourg, Luxembourg

Abdelmajid Khelil, Landshut University of Applied Science, Germany

Thomas Engel, University of Luxembourg, Luxembourg

Resource-Sharing Optimization for Multicast D2D Communications Underlying LTE-A Uplink Cellular Networks 1987

Devarani Devi Ningombam, Chosun University, South Korea

Seokjoo Shin, Chosun University, South Korea

Towards a Seamless Coordination of Cloud and Fog: Illustration through the Internet-of-Things 1994

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Thar Baker, Liverpool John Moores University, UK

Noura Faci, Université Lyon 1, France

Emir Ugljanin, State University of Novi Pazar, Serbia

Mohammed Al Khafajiy, Liverpool John Moores University, UK

Vanilson Burégio, Federal Rural University of Pernambuco, Brazil

Word2Vec based Spelling Correction Method of Twitter Message 2002

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Taekeun Hong, Chosun University, South Korea

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Track Co-Chairs: Flavio Oquendo, IRISA - UMR CNRS – Univ. Bretagne Sud, France
Khalil Drira, LAAS - CNRS – Univ. Toulouse, France
Axel Legay, Université catholique de Louvain, Belgium
Thais Vasconcelos Batista, DIMAp – UFRN, Brazil

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Mattias Nyberg, Royal Institute of Technology, Sweden

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Nicolas Ferry, SINTEF, Norway

Gencer Erdogan, SINTEF, Norway

Hui Song, SINTEF, Norway

Stéphane Lavirotte, Université Côte d'Azur, France

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Eunkyoung Jee, Korea Advanced Institute of Science and Technology, South Korea

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Track Co-Chairs: Sang-Wook Kim, Hanyang University, South Korea

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Leonardo Mariani, University of Milano Bicocca, Italy

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Vicente Moret-Bonillo, University of A Coruña, Spain
David Alonso-Ríos, University of A Coruña, Spain

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Youji Shimizu, Nissan Motor Corporation, Japan

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Masamitsu Furukawa, Nissan Motor Corporation, Japan

Seiko Michiyoshi, Nissan Motor Corporation, Japan

Tetsuya Yamamoto, Nissan Motor Corporation, Japan

Kazutaka Ueda, The University of Tokyo, Japan

Tohru Ifukube, The University of Tokyo, Japan

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