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## ***Theme: AI and Agents***

### **HCI - Smart Human Computer Interaction Track**

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**IoT - Internet of Things Track**

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## **Theme: AI and Agents**

### **IRMAS - Intelligent Robotics and Multi-Agent Systems Track**

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	Frédéric Loulergue, Northern Arizona University, USA
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**Track Co-Chairs:** Ronald Petric, Federal Commissioner for Data Protection and  
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*Ivo Emanuilov, KU Leuven, Belgium*  
*Peggy Valcke, KU Leuven, Belgium*  
*Wouter Joosen, KU Leuven, Belgium*

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**Track Co-Chairs:**   Barrett R. Bryant, University of North Texas, USA  
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*Mariza A.S. Bigonha, Universidade Federal de Minas Gerais, Brazil*  
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*F. Regazzoni, Università della Svizzera Italiana, Switzerland*  
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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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	Byungjeong Lee, University of Seoul, South Korea
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<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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<b>Track Co-Chairs:</b>	Giampaolo Bella, Università di Catania, Italy
	Rosario Giustolisi, IT University of Copenhagen, Denmark
<b>Track Editorial .....</b>	<b>1888</b>
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<b>Detection of Algorithmically Generated Domain Names used by Botnets: A Dual Arms Race .....</b>	<b>1916</b>
<i>Jan Spooren, KU Leuven, Belgium</i>	
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<b>Enabling Change-Driven Workflows in Continuous Information Security Management .....</b>	<b>1924</b>
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<i>Ruth Breu, University of Innsbruck, Austria</i>	
<b>Secure Multi-Execution in Android .....</b>	<b>1934</b>
<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>	
<b>Spectre without Shared Memory .....</b>	<b>1944</b>
<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>	
<b>Static Security Evaluation of an Industrial Web Application .....</b>	<b>1952</b>
<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>	
<b>The ROP Needle: Hiding Trigger-based Injection Vectors via Code Reuse .....</b>	<b>1962</b>
<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>	
<b>Towards Automated Network Mitigation Analysis .....</b>	<b>1971</b>
<i>Patrick Speicher, Saarland University, Germany</i>	
<i>Marcel Steinmetz, Saarland University, Germany</i>	
<i>Jörg Hoffmann, Saarland University, Germany</i>	
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<b><i>Student Research Abstract</i></b>	
<b>Student Research Abstract: ``Hard to Understand, Easy to Ignore'': An Automated Approach to Predict Mobile App Permission Requests .....</b>	<b>1979</b>
<i>Majid Hatamian, Goethe University Frankfurt, Germany</i>	
<b>Student Research Abstract: Digital Forensics in the Internet of Things .....</b>	<b>1983</b>
<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 and Development in Informatics, Romania  
Chang Choi, Chosun University, South Korea

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**Evaluation of ACE Properties of Traditional SQL and NoSQL Big Data Systems** ..... 1988

*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** ..... 1996

*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** ..... 2001

*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** ..... 2008

*Zakaria Maamar, Zayed University, UAE*

*Thar Baker, Liverpool John Moores University, UK*

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**Track Co-Chairs:** Flavio Oquendo, IRISA - UMR CNRS – Univ. Bretagne Sud, France  
Khalil Drira, LAAS - CNRS – Univ. Toulouse, France  
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Thais Vasconcelos Batista, DIMAp – UFRN, Brazil

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**Track Co-Chairs:** Eduardo Mosqueira Rey, University of A Coruña, Spain  
Vicente Moret Bonillo, University of A Coruña, Spain  
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**Track Co-Chairs:** Abdelhak-Djamel Seriai, University of Montpellier, France  
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**Track Co-Chairs:** Maiga Chang, Athabasca University, Canada

Hasan Jamil, University of Idaho, USA

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	Cristian Mateos, UNICEN University - Tandil, Argentina
	Tim A. Majchrzak, University of Agder - Kristiansand, Norway

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