

## ICDS 2016

### Committee

#### ICDS Advisory Committee

Lasse Berntzen, Buskerud and Vestfold University College, Norway  
Åsa Smedberg, DSV, Stockholm University/KTH, Sweden  
Freimut Bodendorf, University of Erlangen, Germany  
Andranik Tangian, Wirtschafts- und Sozialwissenschaftliches Institut - Düsseldorf | Karlsruhe  
Institute of Technology, Germany

#### ICDS 2016 Technical Program Committee

Habtamu Abie, Norwegian Computing Center, Norway  
Mir Abolfazl Mostafavi, Université Laval - Québec, Canada  
Witold Abramowicz, The Poznan University of Economics, Poland  
Gil Ad Ariely, Interdisciplinary Center Herzliya (IDC), Israel  
Masanori Akiyoshi, Kanagawa University, Japan  
Mutaz M. Al-Debei, University of Jordan, Jordan  
Ali Ahmad Alawneh, Philadelphia University, Jordan  
Adolfo Albaladejo Blázquez, Universidad de Alicante, Spain  
Cristina Alcaraz, University of Malaga, Spain  
Salvador Alcaraz Carrasco, Universidad Miguel Hernández, Spain  
Eugenia Alexandropoulou, University of Macedonia, Greece  
Giner Alor Hernández, Instituto Tecnológico de Orizaba-Veracruz, México  
Aini Aman, Universiti Kebangsaan Malaysia, Malaysia  
Pasquale Ardimento, University of Bari, Italy  
Masrah Azrifah Azmi Murad, Universiti Putra Malaysia, Malaysia  
Saïd Assar, Institut Mines-Telecom - Ecole de Management, France  
Charles K. Ayo, Covenant University, Nigeria  
Ambrose A. Azeta, Covenant University, Nigeria  
Gilbert Babin, HEC Montréal, Canada  
Kambiz Badie, Research Institute for ICT, Iran  
Ilija Basicevic, University of Novi Sad, Serbia  
Michaela Baumann, Institute for Computer Science - University of Bayreuth, Germany  
Najib Belkhat, ENCG Marrakech (Business School), Morocco  
Farid E. Ben Amor, University of Southern California / DIRECTV, USA  
Khalid Benali, LORIA -Université de Lorraine, France  
Martina Benvenuti, University of Bologna, Italy  
Eleni Berki, University of Tampere, Finland  
Lasse Berntzen, Buskerud and Vestfold University College, Norway

Aljoša Jerman Blažič, SETCCE - Ljubljana, Slovenia  
Marco Block-Berlitz, Hochschule für Technik und Wirtschaft Dresden, Germany  
Freimut Bodendorf, University of Erlangen, Germany  
Nicola Boffoli, University of Bari, Italy  
Sabrina Bonomi, e-Campus University, Italy  
Mahmoud Boufaïda, Mentouri University of Constantine, Algeria  
Danielle Boulanger, University of Lyon-Jean Moulin, France  
Mahmoud Brahimi, University of Msila, Algeria  
Diana Bri Molinero, Universitat Politècnica de València, Spain  
Anna Brunstrom, Karlstad University, Sweden  
Alberto Caballero Martínez, Universidad Católica San Antonio de Murcia, Spain  
Luis M. Camarinha-Matos, New University of Lisbon, Portugal  
Omar Andres Carmona Cortes, Instituto Federal do Maranhão, Brazil  
María Luisa Carrió-Pastor, Universitat Politècnica de València, Spain  
Lemuria Carter, Virginia Commonwealth University, USA  
Maria Chiara Caschera, IRPPS-CNR - Rome, Italy  
Oscar Castillo, Tijuana Institute of Technology, Mexico  
Walter Castelnovo, University of Insubria, Italy  
Sudip Chakraborty, Valdosta State University, USA  
Ramaswamy Chandramouli, NIST, USA  
Sung-Bae Cho, Yonsei University, Korea  
Kim-Kwang Raymond Choo, University of South Australia, Australia  
Kalloniatis Christos, University of the Aegean, Greece  
Yul Chu, University of Texas Pan American, USA  
Arthur Csetenyi, Budapest Corvinus University, Hungary  
Glenn S. Dardick, Longwood University, USA  
David Day, Sheffield Hallam University, UK  
Peter Day, University of Brighton, UK  
Marco De Marco, Università Marconi, Italy  
Gert-Jan de Vreede, University of Nebraska at Omaha, USA  
Jana Dittmann, University of Magdeburg, Germany  
Jerome Donet, Université de Lorraine, France  
Prokopios Drogkaris, University of the Aegean - Karlovasi, Greece  
Gerard M De Leoz, Baylor University in Waco, USA  
Pedro Felipe do Prado, University of São Paulo, Brazil  
Joël Dumoulin, HumanTech Institute, Switzerland  
Martin Ebner, Graz University of Technology, Austria  
Noella Edelmann, Danube University Krems, Austria  
Ahmed El Oualkadi, Abdelmalek Essaadi University, Morocco  
El-Sayed Mohamed El-Alfy, King Fahd University of Petroleum and Minerals, Saudi Arabia  
Jacques Fayolle, Télécom Saint-Etienne | Université Jean Monnet, France  
Matthias Finger, SwissFederal Institute of Technology, Switzerland  
Karla Felix Navarro, University of Technology, Sydney  
Adina Magda Florea, University Politehnica of Bucharest, Romania

Robert Forster, Edgemount Solutions, USA  
Roberto Fragale, Universidade Federal Fluminense (UFF), Brazil  
Marco Furini, University of Modena and Reggio Emilia, Italy  
Shauneen Furlong, Territorial Communications Ltd.-Ottawa, Canada / University of Liverpool, UK  
Amparo Fúster Sabater, Information Security Institute (CSIC) – Madrid, Spain  
Daniel Gallego, Universidad Politécnica de Madrid, Spain  
Matjaz Gams, Jozef Stefan Institute, Slovenia  
Jean-Gabriel Ganascia, University Pierre et Marie Curie, France  
Christos K. Georgiadis, University of Macedonia, Greece  
Fekade Getahun, Addis Ababa University, Ethiopia  
Wasif Gilani, SAP Belfast, UK  
Pouria Goldaste, University of Tehran, Iran  
Genady Grabarnik, St. John's University - New York, USA  
Patrizia Grifoni, CNR-IRPPS, Italy  
David J. Gunkel, Northern Illinois University, USA  
Huong Ha, University of Newcastle, Singapore  
Panos Hahamis, University of Westminster - London, UK  
Martijn Hartog, Hague University of Applied Sciences, Netherlands  
Gy R. Hashim, Universiti Teknologi Mara, Malaysia  
Aboul Ella Hassanien, Cairo University, Egypt  
Kenji Hatano, Doshisha University, Japan  
Enrique Herrera-Viedma, University of Granada, Spain  
Johann Höchtl, Donau-Universität Krems, Germany  
Gerold Hoelzl, Johannes Kepler University, Austria  
Hana Horak, University of Zagreb, Croatia  
Osman Ibrahim, British University in Egypt, Egypt  
Rajesh Ingle, Pune University, India  
Hany Abdelghaffar Ismail, German University in Cairo (GUC), Egypt  
Marko Jäntti, University of Eastern Finland, Finland  
Edward Jaser, Princess Sumaya University for Technology - Amman, Jordan  
Haziq Jeelani, Galgotias University - New Delhi, India  
Maria João Simões, University of Beira Interior, Portugal  
Janusz Kacprzyk, Polish Academy of Sciences - Warsaw, Poland  
Konstantinos Kalemis, National Centre for Public Administration and Local Government (E.K.D.D.A.) / National and Kapodistrian University of Athens, Greece  
Georgios Kambourakis, University of the Aegean, Greece  
Sinchai Kamolphiwong, Prince of Songkla University - Songkhla, Thailand  
Atsushi Kanai, Hosei University, Japan  
Dimitris Kanellopoulos, University of Patras, Greece  
Epaminondas Kapetanios, University of Westminster - London, UK  
Kimmo Karhu, Aalto University, Finland  
Georgios Karopoulos, University of Athens, Greece  
Sokratis Katsikas, University of Piraeus, Greece

Nermine Khalifa, Arab Academy for Science & Technology, Egypt  
Kai Kimppa, University of Turku, Finland  
Spyros Kokolakis, University of the Aegean, Greece  
Károly Kondorosi, Budapest University of Technology and Economics (BME), Hungary  
Christian Kop, University of Klagenfurt, Austria  
Ah-Lian Kor, Leeds Metropolitan University, UK  
Manish Kumar, Centre for Development of Advanced Computing - Ministry of Communication and IT, India  
Andrew Kusiak, The University of Iowa, USA  
Jaroslaw Kozlak, AGH University of Science and Technology - Krakow, Poland  
Mohamad Ladan, Rafik Hariri University, Lebanon  
Antti Lahtela, Unicta Ltd., Finland  
Wolfram Laaser, World Wide Education GmbH, Germany  
John Lee, University of Edinburgh, UK  
Franz Lehner, University of Passau, Germany  
Igor Lemberski, Baltic International Academy, Latvia  
Gen-Yih Liao, Chang Gung University, Taiwan  
Chern Li Liew, Victoria University of Wellington, New Zealand  
Ralf Lindner, Fraunhofer Institute for Systems and Innovation Research, Germany  
Juliet Lodge, University of Leeds, UK  
Euripidis N. Loukis, University of the Aegean, Greece  
Xudong Luo, Sun Yat-sen University, China  
Christos Makris, University of Patras, Greece  
Panagiotis Manolitzas, Technical University of Crete, Greece  
Antonio Marturano, Catholic University of the Sacred Heart, Italy  
Elvis Mazzoni, University of Bologna, Italy  
Peter Mikulecky, University of Hradec Králové, Czech Republic  
Alok Mishra, Atilim University, Turkey  
Harekrishna Misra, Institute of Rural Management Anand, India  
John Morison, Queen's University - Belfast, UK  
Paulo Moura Oliveira, INESC TEC - INESC Technology and Science (formerly INESC Porto) | UTAD University, Portugal  
Debajyoti Mukhopadhyay, Maharashtra Institute of Technology, India  
Darren Mundy, University of Hull, UK  
Ahmad Nadali, Islamic Azad University, Iran  
Syed Naqvi, Birmingham City University, UK  
Viorel Negru, West University of Timisoara, Romania  
Phuc V. Nguyen, Institut Polytechnique Saint-Louis, France  
Sang-Kyun Noh, FairApp, Inc., Korea  
Isabel L. Nunes, Universidade Nova de Lisboa – Caparica, Portugal  
Katsuhiko Ogawa, Keio University, Japan  
Onook Oh, University of Nebraska at Omaha | State University of New York at Buffalo, USA  
M. Kemal Öktem, Hacettepe University - Ankara, Turkey  
Daniel E. O'Leary, University of Southern California, USA

Mourad Ouziri, University of Paris Descartes, France  
Selma Ayse Ozel, Cukurova University, Turkey  
Nastou Panayotis, University of the Aegean, Greece  
Gerard Parr, University of Ulster, UK  
Carolina Pascual Villalobos, Universidad de Alicante, Spain  
Mirjana Pejic Bach, University of Zagreb, Croatia  
Jyrki T.J. Penttinen, Finesstel Ltd, Finland  
Andrea Perego, European Commission DG JRC, Italy  
Fernando Pereniguez Garcia, Catholic University of Murcia, Spain  
Mick Phythian, De Montfort University - Leicester, UK  
Isabel Pirillo, University of Camerino, Italy  
Roberto Polillo, University of Milano Bicocca, Italy  
Rajesh S Prasad, STES NBN Sinhgad School of Engineering, India  
Augustin Prodan, Iuliu Hatieganu University - Cluj-Napoca, Romania  
Juha Puustjärvi, University of Helsinki, Finland  
Thurasamy Ramayah, Universiti Sains Malaysia, Malaysia  
Rajash Rawal, Hague University, Netherlands  
Barbara Re, University of Camerino, Italy  
Christopher Rentrop, HTWG Konstanz, Germany  
Karim Mohammed Rezaul, Glyndwr University - Wrexham, UK  
Jan Richling, South Westphalia University of Applied Sciences, Germany  
Reinhard Riedl, Bern University of Applied Sciences, Switzerland  
Alice Robbin, Indiana University Bloomington, USA  
Amirhossein Roshanzamir, BESTA International Inc., UAE  
Jarogniew Rykowski, Poznan University of Economics, Poland  
Francesc Saigi Rubió, Open University of Catalonia (UOC), Spain  
Claus-Peter Rückemann, Westfälische Wilhelms-Universität Münster / Leibniz Universität Hannover / North-German Supercomputing Alliance, Germany  
Taipale Sakari, University of Jyväskylä, Finland  
Imad Saleh, University Paris 8, France  
Czarina Saloma-Akpedonu, Ateneo de Manila University, Philippines  
Jaime Sánchez, University of Chile, Chile  
Alain Sandoz, University of Neuchâtel, Switzerland  
Kurt Saunders, California State University, USA  
Ahlam Sawsaa, University of Huddersfield, UK  
Peter Schartner, Klagenfurt University | System Security Group, Austria  
Antoine Schlechter, Abacus Consulting & Solutions S.A., Luxembourg  
Andreas Schmietendorf, Berlin School of Economics and Law (HWR Berlin), FB II, Germany  
Thorsten Schöler, University of Applied Sciences Augsburg, Germany  
Julius Schöning, University of Osnabrück, Germany  
Sandra Sendra Compte, Polytechnic University of Valencia, Spain  
Dimitrios Serpanos, ISI/R.C. Athena & University of Patras, Greece  
Dharmendra Shadija, Sheffield Hallam University, UK  
Hossein Sharif, University of Portsmouth, UK

Larisa Shwartz, IBM T. J. Watson Research Center, USA  
Patrick Siarry, Université de Paris 12 – Creteil, France  
Pushpendra B. Singh, MindTree - Bangalore, India  
Georgios Ch. Sirakoulis, Democritus University of Thrace, Greece  
Åsa Smedberg, Stockholm University, Sweden  
Kingkarn Sookhanaphibarn, Bangkok University, Thailand  
Maria T. Soto-Sanfiel, Autonomous University of Barcelona, Spain  
Wellington Souza, Federal University of Rio Grande do Norte, Brazil  
Sasikumaran Sreedharan, King Khalid University, Saudi Arabia  
Yannis Stamatiou, University of Patras, Greece  
Dalibor Stanimirović, University of Ljubljana, Slovenia  
Peter L. Stanchev, Kettering University - Flint, USA  
Dimitrios Stratogiannis, National Technical University of Athens, Greece  
Ivan Strugar, University of Zagreb, Croatia  
Chandrasekaran Subramaniam, Velammal Engineering College, India  
Dennis Tachiki, Tamagawa University, Japan  
Andranik Tangian, Wirtschafts- und Sozialwissenschaftliches Institut - Düsseldorf | Karlsruhe  
Institute of Technology, Germany  
Shigeaki Tanimoto, Chiba Institute of Technology, Japan  
Maryam Tayefeh Mahmoudi, Research Institute for ICT - Alzahra University, Iran  
Joe M. Tekli, Lebanese American University, Lebanon  
Sampo Teräs, Aalto University, Finland  
Steffen Thiel, Furtwangen University of Applied Sciences, Germany  
Ashley Thomas, Dell Secureworks, USA  
Mohamed Fahmy Tolba, Ain Shams University, Egypt  
Ioan Toma, STI, Austria  
Jesus Tomas, Universidad Politecnica de Valencia, Spain  
Juan-Manuel Tores, Université d'Avignon, France  
Chrisa Tsinaraki, EU JRC, Italy  
Julien Tscherrig, HumanTech Institute, Switzerland  
Umut Turksen, University of the West of England, UK  
Klaus Turowski, Otto-von-Guericke University Magdeburg, Germany  
Jengnan Tzeng, National Chengchi University - Taipei, Taiwan  
Theodoros Tzouramanis, University of the Aegean, Greece  
Meike Ullrich, Karlsruhe Institute of Technology (KIT), Germany  
Abel Usoro, University of the West of Scotland, UK  
Emmanouel Varvarigos, University of Patras, Greece  
Seppo Väyrynen, University of Oulu, Finland  
Nikos Vrakas, University of Piraeus, Greece  
Dawid Grzegorz Weckowski, Poznan University of Economics, Poland  
Alex Wiesmaier, AGT Germany, Germany  
Adam Wojciechowski, Poznan University of Technology, Poland  
Xiaoli (Lucy) Yang, Purdue University - Calumet, USA  
Yingjie Yang, De Montfort University, UK

Jieh-Shan George Yeh, Providence University, Taiwan  
Farhad Yusifov, Institute of Information Technology of ANAS, Azerbaijan  
Joaquín Sergio Zepeda Hernández, Universidad Autónoma Metropolitana, Mexico  
Zhengxu Zhao, Shijiazhuang Tiedao University, P. R. of China  
Qiang Zhu, The University of Michigan - Dearborn, USA  
Rongbo Zhu, South-Central University for Nationalities - Wuhan, P. R. China  
Ewa Ziemba, University of Economics in Katowice, Poland  
Dimitrios Zissis, University of the Aegean, Greece  
Jovana Zoroja, University of Zagreb, Croatia