

IE'11



The 7th International Conference on Intelligent Environments
25-28 July 2011, (workshops on 25-26 July 2011), Nottingham, United Kingdom

WORKSHOPS & CONFERENCE PROGRAMME

July 25-28, 2011
Nottingham Conference Centre
Nottingham, United Kingdom

The conference is co-sponsored by:

IEEE Systems, Man & Cybernetics Society Technical Committee on
Computational Intelligence
IET, The Institution of Engineering and Technology,
NTU, Nottingham Trent University,
AAAI, Association for the Advancement of Artificial Intelligence,
IOS Press
EBTIC, ETISALAT BT Innovation Center.



<http://intelligentenvironments.org/conferences/ie11>

Dear Colleagues,

We cordially welcome you to IE'11, the 7th International Conference on Intelligent Environments, July 25-28, 2011 in Nottingham, United Kingdom.

Workshops:

Co-located with the conference there is a workshops program which this year attracted a record number of proposals. As a result various workshops will be held as part of IE'11 covering a wide range of specific topics and offering the opportunity to discuss with colleagues the challenges ahead and the possible ways to advance the area of Intelligent Environments. All papers accepted in the Workshops program are published in printed form as a volume of the Ambient Intelligence and Smart Environments Series (ISI indexed) of IOS Press and electronically available through the ACM Digital Library. Supported workshops are:

HCIAmI'11: 2nd International Workshop on Human-Centric Interfaces for Ambient Intelligence

AITAmI'11: Artificial Intelligence Techniques for Ambient Intelligence

iC'11: The Intelligent Campus featuring special tracks on 'Educational Technology' & 'Immersive Education Spaces'

SOOW'11: Smart Offices and Other Workplaces

WISHWell'11: 3rd International Workshop on Intelligent Environments Supporting Healthcare and Well-being

CS'11: Creative Science: Science Fiction Prototyping for Engineering and Product Innovation

SciT'11: Multidisciplinary Approach to Designing Intelligent Environments

Conference:

The 7th International Conference on Intelligent Environments (IE'11) held at Nottingham Trent University, United Kingdom is the seventh edition in a series of highly successful conferences that were organized in Colchester (United Kingdom), Athens (Greece), Ulm (Germany), Seattle (USA), Barcelona (Spain) and Kuala Lumpur (Malaysia) over the past six years. This year we have a program of presentations spanning over two and a half days which includes regular papers as well as a Posters Track, a Doctoral Colloquium and a Demo/Video Session. This is the first year that a Demo/Video session will be implemented and we believe this will be an exciting addition to the program of the conference. Four internationally leading professionals: Sumit Paul-Choudury, Editor of NewScientist.com; Prof. Wolfgang Wahlster director and CEO of the German Research Centre for Artificial Intelligence; Prof. Steve Goodhew, Head of Sustainable Technology Research Group, Nottingham Trent University, United Kingdom and Prof. Vinny Cahill, Head of the Discipline of Computer Systems, Trinity College, Ireland will provide keynotes for this event addressing a variety of topics which will be of interest for the attendees.

The conference attracted paper submissions which underwent a thorough reviewing process; 42 papers accepted as full papers, 6 as poster papers, 13 for the doctoral colloquium and 5 papers for demo and video session.

IE'11

Workshops Overview

	Monday 25 July				Tuesday 26 July		
ROOM	Room 1	Room 3	Room 4	Room 5	Room 3	Room 4	Room 5
08:30 -09:00	WORKSHOP REGISTRATION + Tea/Coffee						
09:00-09:30	W1	W2	W3		W6	W7	IE'11 Opening
09:30-10:30	CS'11	iC	AITAml		SciT	HCIaml	Keynote Joint IE/CS
10:30-11:00	Tea/Coffee						
11:00-12:40	W1 CS'11	W2 iC	W3 AITAml		W6 SciT	W7 HCIaml	W1 CS'11
12:40-13:40	LUNCH						
13:40-15:20	W1 CS'11	W2 iC	W4 SOOW	W5 WishWELL			W1 CS'11
15:20-15.50	Tea/Coffee						
15:50-17.30	W1 CS'11	W2 iC	W4 SOOW	W5 WishWELL			W1 CS'11
	JOINT CONF/WORKSHOP RECEPTION						

IE'11

Conference Programme Overview

	Tuesday 26 July		Wednesday 27 July		Thursday 28 July	
ROOM	Room 1	Room 2	Room 1	Room 2	Room 1	Room 2
08:30 -09:00	CONFERENCE REGISTRATION + Tea/coffee					
09:00-09:30	OPENING		SC MEETING 1		SC MEETING 2	
09:30-10:30	K1 KEYNOTE joint IE/CS		K2 KEYNOTE		K3 KEYNOTE	
10:30-11:00	Tea/Coffee					
11:00-12:40	A1 Ambient Assisted Living /Activities of Daily Living	A2 Sensors, Networks and Sensor Networks	A3 User modelling and Social perspectives	DC1 Doctoral Colloquium	A5 Urban and Sustainable Environments	A6 Human-Computer Interaction
12:40-13:40	LUNCH					
13:40-15:20	B1 Intelligent Agents	B2 Simulation, Visualization, Awareness	B3 Smart Homes and Smart Spaces	DC2 Doctoral Colloquium	K4 KEYNOTE (13:40-14:40)	
					P1 - Poster	
15:20-15.50	Tea/Coffee					
15:50-17.30	C1 Adaptation	COMMERCIAL EVENT	C3 Formal Models and Methods	C4 Hybrid Spaces and Adaptive Structures	P2 - Demos and Videos	
					CLOSING (17:00-17:30)	
	NOTTINGHAM TOUR		GALA DINNER (BDJ TALK)		SC MEETING 3 & DINNER (19:00 for 20:00)	

Conference Reception: Monday 25 July 2011

Tuesday 26 July 2011

DAY ONE - 26 JULY 2011	ROOM	Room 1	Room 2
	08:30 -09:00	CONFERENCE REGISTRATION + Tea/coffee	
	09:00-10:30	OPENING KEYNOTE (K1) Sumit PAUL-CHOUDURY, Editor of NewScientist.com, London, UK	
	10:30-11:00	Tea/Coffee	
	11:00-12:40	Session A1: Ambient Assisted Living /Activities of Daily Living Session Chair: XX A1.1 - Using Indoor Location to Assess the State of Dementia Patients: Results and Experience Report from a Long Term, Real World Study; Agnes Grünerbl, Gernot Bahle, Paul Lukowicz, Friedrich Hanser A1.2 - A Monocular View-Invariant Fall Detection System for the Elderly in Assisted Home Environments; Zaw Zaw Htike, Simon Egerton, Kuang Ye Chow A1.3 - Behavioural Pattern Identification in a Smart Home Using Binary Similarity and Dissimilarity Measures; Sawsan M. Mahmoud, Ahmad Lotfi, Caroline Langensiepen A1.4 - Accelerometer Placement for Posture Recognition and Fall Detection; Hristijan Gjoreski, Mitja Luštrek, Matjaž Gams	Session A2: Sensors, Networks and Sensor Networks Session Chair: XX A2.1 - Improved Decision Making Using Fuzzy Temporal Relationships within Intelligent Assisted Living Environments; Jethro Shell, Simon Coupland A2.2 - Collective Communication for Dense Sensing Environments; Predrag Jakimovski, Florian Becker, Stephan Sigg, Hedda R. Schmidtke, Michael Beigl A2.3 - A Performance Study of the 802.11p Standard for Vehicular Applications; Antonio Guerrero Ibáñez, C. Flores, P. Damián Reyes, Antoni Barba, Angélica Reyes A2.4 - MAMPF: An Intelligent Cooking Agent for Zoneless Stoves; Sven Reichel, Timo Müller, Oliver Stamm, Fabian Groh, Björn Wiedersheim, Michael Weber
	12:40-13:40	LUNCH	

Tuesday 26 July 2011

DAY ONE - 26 JULY 2011	ROOM	Room 1	Room 2
	13:40-15:20	<p>Session B1: Intelligent Agents Session Chair: XX</p> <p>B1.1 - Conflict Resolution in Intelligent Environments Using Stakeholder Search; Alan Fedoruk B1.2 - An Agent-Based Data-Generation Tool for Situation-Aware Systems; Davide Merico, Roberto Bisiani B1.3 - Innovative Locking in Aml: Efficiently Removing Instabilities in Multi Agent Systems; Emmanuel Amaro, Juan Manuel López, Victor Zamudio, Rosario Baltazar, Miguel Angel Casillas, Vic Callaghan B1.4 - Goalavaviour-Based Control of Heterogeneous and Distributed Smart Environments; Sebastian Bader, Martin Dyrba</p>	<p>Session B2: Simulation, Visualization, Awareness Session Chair: XX</p> <p>B2.1 - The PiVis Framework for Visualization of Digital Object Memories; Jens Hauptert B2.2 - Product-Awareness through Smart Audio Navigation in a Retail Environment; Ralf Jung, Lűbomira Spassova, Gerrit Kahl B2.3 - Persim: Simulator for Human Activities in Pervasive Spaces; Sumi Helal, Jae Woong Lee, Shantonu Hossain, Eunju Kim, Hani Hagraš, Diane Cook B2.4 - Innovative Design for Monitoring of Neonates Using Reflectance Pulse Oximeter; Dominika Potuzakova, Wei Chen, Sidarto Bambang Oetomo, Loe Feijs</p>
	15:20-15.50	Tea/Coffee	
	15:50-17:30	<p>Session C1: Adaptation Session Chair: XX</p> <p>C1.1 - Supporting Environment Configuration with Generic Role Assignment; Wolfgang Apolinarski, Marcus Handte, Pedro José Marrón C1.2 - Adapting Workflows to Intelligent Environments; Melanie Hartmann, Marcus Ständer, Victoria Uren C1.3 - An Interdisciplinary Approach to Designing Adaptive Lighting Environments; Remco Magielse, Sunder Rao, Paola Jaramillo, Philip Ross, Tanir Ozcelebi, Oliver Amft C1.4 - Using Ambient Intelligence to Infer Availability and Meta-status in a Picocell Environment; Shane Dempsey, Brendan Jennings, Jonathan Brazil, Jason Madigan</p>	COMMERCIAL EVENT
		NOTTINGHAM TOUR	

Wednesday 27 July 2011

DAY TWO - 27 JULY 2011	ROOM	Room 1	Room 2
	09:00-09:30	SC MEETING 1	
	09:30-10:30	KEYNOTE (K2) Prof. Wolfgang Whlaster, DFKI, Germany	
	10:30-11:00	Tea/Coffee	
	11:00-12:40	<p>Session A3: User modelling and Social perspectives Session Chair: XX</p> <p>A3.1 - The Model of Appropriation: Contribution of Rational Choice theory and Cognitive Science to a Better Technology; David Zejda A3.2 - An Alignable User Profile Ontology for Ambient Intelligence Environments; I. Panagiotopoulos, L. Seremeti, A. Kameas A3.3 - Perceptions of Autonomy: A Survey of User Opinions Towards Autonomy in Intelligent Environments; Matthew Ball, Vic Callaghan A3.4 - Pervasive Computing in Time and Space: The Culture and Context of 'Place' Integration; Sally A. Applin, Michael D. Fischer</p>	<p>Session DC1: Doctoral Colloquium Session Chair: XX</p> <p>DC1.1 - Fall Detection with Wearable Sensors&#8212;Safe (Smart Fall Detection); Olukunle Ojetola, Elena I. Gaura, James Brusey DC1.2 - A User Experience Perspective of Design for Context-Aware Adaption; Xiaohui Zhang, Elizabeth Uruchurtu DC1.3 - Context-Based Information Provision from External Sources; David Gassmann DC1.4 - Generating Virtual 3D Model of Urban Street Facades by Fusing Terrestrial Multi-source Data; Karim Hammoudi, Fadi Dornaika, Nicolas Paparoditis DC1.5 - A Framework for Multisensory Intelligent Monitoring and Interpretation of Behaviors through Information Fusion; José Carlos Castillo, Antonio Fernández-Caballero, María Teresa López DC1.6 - Modelling Human Behaviour Using Partial Order Planning Based on Atomic Action Templates; Kristina Yordanova</p>
	12:40-13:40	LUNCH	

Wednesday 27 July 2011

DAY TWO - 27 JULY 2011	ROOM	Room 1	Room 2
	13:40-15:20	<p>Session B3: Smart Homes and Smart Spaces Session Chair: XX</p> <p>B3.1 - Fast Prototyping and Deployment of Context-Aware Smart Outdoor Environments; Pouyan Ziafati, Fulvio Mastrogiovanni, Antonio Sgorbissa B3.2 - Developing Intelligent Environments: A Development Tool Chain for Creation, Testing and Simulation of Smart and Intelligent Environments; Luis Roalter, Andreas Möller, Stefan Diewald, Matthias Kranz B3.3 - Ensuring Comfort in Office Buildings: Designing a KNX Monitoring and Control System; Catalin Bujdei, Sorin Aurel Moraru B3.4 - Powering Smart Home Intelligence Using Existing Entertainment Systems; Markus Scholz, Gesine Flehmig, Hedda R. Schmidtke, Gerhard H. Scholz</p>	<p>Session DC2: Doctoral Colloquium Session Chair: XX</p> <p>DC2.1 - Hybrid Museum Environments; Dimitris Psychogyios DC2.2 - Chemistry for Context Awareness (C2A); Ahsan Ikram, Nigel Baker DC2.3 - The Digitization of Light; Aimilia Karamouzi DC2.4 - Robust Human Detection and Tracking in Intelligent Environments by Information Fusion of Color and Infrared Video; Juan Serrano-Cuerda, María Teresa López, Antonio Fernández-Caballero DC2.5 - A Concept Grounding Approach for Glove-Based Gesture Recognition; Yu Huang, Dorothy Monekosso, Hui Wang, Juan Carlos Augusto DC2.6 - Does Mobile Technology Support Peer Learning for Key Stage 3 Children?; Balsam A. Alsugair, Gail Hopkins, Elizabeth FitzGerald, Tim Brailsford DC2.7 - A Preliminary Case Study in the Built Environment Applying Smart Environment Techniques of Monitoring and Data Analysis; Jia Cui, Steve Goodhew, Alan Fewkes</p>
	15:20-15.50	Tea/Coffee	
	15:50-17.30	<p>Session C3: Formal Models and Methods Session Chair: XX</p> <p>C3.1 - Optimal Operators of Hybrid Genetic Algorithm for GMM Parameter Estimation; Sergey Zablotkiy, Teerat Pitakrat, Kseniya Zablotskaya, Wolfgang Minker C3.2 - Formal Verification of Device State Chart Models; Fulvio Corno, Muhammad Sanaullah C3.3 - A Formal Model for Space Based Ubiquitous Computing; James Dooley, Martin Henson, Vic Callaghan, Hani Hagrass, Daniyal Al-Ghazzawi, Areej Malibari, Mohammed Al-Haddad, Abdullah Al-Malaise Al-Ghamdi</p>	<p>Session C4: Hybrid Spaces and Adaptive Structures Session Chair: XX</p> <p>C4.1 - The Archigram Vision in the Context of Intelligent Environments and its Current Potential; Socratis Yiannoudes C4.2 - Pumping vs. Iron: Adaptive Structures for Whole Life Energy Savings; Gennaro Senatore, Philippe Duffour, Sean Hanna, Fred Labbe C4.3 - Hybrid Spaces: Presence, Rhythms and Performativity; Katharine S. Willis, Alex Aurigi</p>
		GALA DINNER (BDJ TALK)	

Thursday 28 July 2011

DAY THREE - 28 JULY 2011	ROOM	Room 1	Room 2
	09:00 -09:30	SC MEETING 2	
	09:30-10:30	KEYNOTE (K3) Prof. Steve Goodhew, Nottingham Trent University, UK	
	10:30-11:00	Tea/Coffee	
	11:00-12:40	Session A5: Urban and Sustainable Environments Session Chair: XX A5.1 - The Recorder: A Participatory Digital Platform for the Rehabilitation of the City of Famagusta in Cyprus; Theodora Vardouli, Eleftheria Xanthouli, Athanassios Stathopoulos A5.2 - Urban Ambient Environment and Sustainability; Sonia Tzimopoulou A5.3 - A Shared Space Texting Energy Use; Karthikeya Acharya, Jussi Mikkonen A5.4 - Using Pervasive Computing and Open Space Design to Transform the Schoolyard Into an Educational Setting; Christos Goumopoulos, Achilles Kameas, Dimitris Papalexopoulos, Athina Stavridou, Sonia Tzimopoulou	Session A6: Human-Computer Interaction Session Chair: XX A6.1 - Towards the Creation of Learning Environments: Exploring the Potentialities of the Weighted Mutation Interactive Genetic Algorithm; Eirini Vouliouri A6.2 - Measuring Verbal Intelligence Using Linguistic Analysis; Kseniya Zablotskaya, Mohsin Abbas, Sergey Zablotskiy, Steffen Walter, Wolfgang Minker A6.3 - Implications of Theories of Communication and Spatial Behavior for the Design of Interactive Environments; Charalampos Rizopoulos, Dimitris Charitos
	12:40-13:40	LUNCH	

Thursday 28 July 2011

DAY THREE - 28 JULY 2011	ROOM	Room 1
	13:40-14:40	KEYNOTE (K4) Prof. Vinny Cahill, Trinity College, Ireland
	14:40-15.50	Session P1: Poster Session Session Chair: XX P1.1 - Multiple Device Control Via Wireless Access to Numerous Destinations (WAND)-Pointer; Fabian Hoeflinger, Leonhard M. Reindl P1.2 - Food Intake Activity Detection Using a Wearable Microphone System; Sebastian Päßler, Wolf-Joachim Fischer P1.3 - Ambient Intelligence in Water Management; Peter Mikulecky P1.4 - Network of Epidermic / Kinetic / Systems; Thanos Stathopoulos P1.5 - Multi-Agent Interactions for Ambient Assisted Living; James McNaull, Juan Carlos Augusto, Maurice Mulvenna, Paul McCullagh P1.6 - Predicting Queue Ssize to Avoid Message Loses in Service Discovery Protocols; Intisar Al-Mejibli, Martin Colley
	15:20-15.50	Tea/Coffee
	15:50-17.00	Session P2: Demos and Videos Session Chair: XX P2.1 - Supporting Persons with Special Needs in their Daily Life in a Smart Home; Robert Neßelrath, Jens Hauptert, Jochen Frey, Boris Brandherm P2.2 - Digital Product Memories and Product Life Cycle; Boris Brandherm, Alexander Kröner P2.3 - SmartCase: A Smart Home Environment in a Suitcase; Jochen Frey, Simon Bergweiler, Jan Alexandersson, Ehsan Gholamsaghaee, Norbert Reithinger, Christoph Stahl P2.4 - Introducing Intelligent Environments, Agents and Autonomy to Users; Matthew Ball, Vic Callaghan P2.5 - Towards Producing Artificial Humans for Intelligent Environments Research; Marc Davies, Vic Callaghan
		CLOSING (17:00 - 17:30)
		SC MEETING 3 & DINNER (19:00 for 20:00)

W1 - CS'11: Creative Science

WORKSHOP - 25 JULY 2011	ROOM	Mon 25 th July 2011 - Room 1
	09:00-10:30	<p>W1.1 - <i>Introduction to CS'11 & SF Prototyping</i> - Brian David Johnson (Director of Future Casting, Interactions and Experience Research, Intel Labs, INTEL Corp, USA)</p> <p>W1.2 - <i>Schrödinger's Notebook</i>, Clarissa Ai Ling Lee (Literature Department, Duke University, USA)</p> <p>W1.3 - <i>Meltdown</i>, Neil McBride (Centre for Computing an Social responsibility, De Montfort University, UK)</p> <p>W1.4 - <i>Happy Eggs</i>, Xinyi Jiang (Design Ethnographer, University of Dundee, Scotland)</p>
	10:30-11:00	Tea/Coffee
	11:00-12:40	<p>W1.5- <i>Surprise Payload Rack: A User Scenario of a Conceptual Novelty Intervention System for Isolated Crews on Extended Space Exploration Missions</i>, Regina Peldszus (Design Research Centre, Astronautics & Space Systems Group, Kingston University London, UK)</p> <p>W1.6 - <i>The Decadence of Mimetic Science: Against Nature 2.0</i>. Derek HALES, (Architect, Art, Design and Architecture, University of Huddersfield, UK)</p> <p>W1.7 - <i>Social Stomach</i> Denisa Kera (Faculty of Arts and Social Sciences, National University of Singapore) Marc Tuters (Humanities, University of Amsterdam, Netherlands)</p> <p>W1.8 -<i>The Spiritual Machine</i>, Hsuan-Yi WU (Digital Marketing Planner, Delta Electronics Inc, Taiwan), Vic Callaghan (School of Computer Science and Electronic Engineering, Essex University, UK)</p>
	12:40-13:40	LUNCH
	13:40-15:20	<p>W1.9 - [INVITED TALK] <i>Love and God and Robots</i>, Brian David Johnson (Director of Future Casting, Interactions and Experience Research, Intel Labs, INTEL Corp, USA)</p> <p>W1.10 - <i>Living the Past in the Future</i> (Erkan Bostanci, Adrian Clark, School of Computer Science and Electronic Engineering, Essex University, UK)</p> <p>W1.11 - <i>Interaction Space</i>, Gary Graham (Leeds University Business School, UK)</p>
	15:20-15.50	Tea/Coffee
	15:50-17.30	<p>W1.12 - <i>The Ministry of Interfaces</i>, Yevgeniya Kovalchuk (School of Computer Science and Electronic Engineering, University of Essex, UK)</p> <p>W1.13 - <i>The End of Hearing</i>, Marek Kultys (Central Saint Martins College of Art and Design, University of the Arts, London, UK)</p> <p>W1.14 - <i>Nickelbricking</i>, Toby Moores, Mike Atherton, (Sleepydog Limited, Media Production, Market Harborough, Leicestershire, UK)</p> <p>W1.15 - <i>The Ministry of Interfaces</i>, Yevgeniya Kovalchuk (School of Computer Science and Electronic Engineering, University of Essex, UK) Happy Eggs, Xinyi Jiang (Design Ethnographer, University of Dundee, Scotland)</p> <p>W1.16 - OPEN FORUM <i>The 'Forest of Stories' – A Documentary Project</i>, Christine Cynn (documentary filmmaker, London)</p>

W1 - CS'11: Creative Science

WORKSHOP - 26 JULY 2011	ROOM	Tues 26 th July 2011 Room 5
	09:00-10:35	W1.17 - [INVITED TALK] What Happens Next? Science Communicators and the Future Tense, Sumit Paul-Choudury (Editor of NewScientist.com, London, UK)
	10:35-11:00	Tea/Coffee
	11:00-12:40	<p>W1.18 - <i>The Lonely Companion</i> (Hazel Grain, Independent Artist, Bristol, UK)</p> <p>W1.19 - <i>The Magician's Assistant</i>, Kevin Tassini (The Human-Computer Interaction Institute, Carnegie Mellon University, USA)</p> <p>W1.20 - <i>Half a Century of Renovating</i>, Markus Scholz, Yong Ding, Predrag Jakimovski And Hedda R. Schmidtke (TecO, Karlsruhe Institute Of Technology, Karlsruhe, Germany)</p> <p>W1.21 – [INVITED SESSION] - <i>Social Precognition</i> Robert Dingwall (Dingwell Enterprises /Nottingham Trent University)</p>
	12:40-13:40	LUNCH
	13:40-15.20	<p>W1.22 - <i>Internet of Mysterious Things</i>, Paul McCullagh (Computer Science Research Institute, University of Ulster, Northern Ireland)</p> <p>W1.23 - <i>Song of Iliad</i>, Tiina Kymäläinen, (School of Art and Design, Aalto University, Aalto, Finland)</p> <p>W1.24 – [INVITED TALK] - <i>When Authors and Scientists Collide</i>, Robert Appleby (High Energy Particle Physics Group, University of Manchester)</p>
	15.20-15.50	Tea/Coffee
	15.50-1640	<p>W1.25 – [INVITED TALK] <i>Jimmy; Searching For Freewill</i>, Simon Egerton (Monash University, Sunway Campus, Malaysia)</p> <p>W1.26 – CLOSING SESSION - <i>Where Next - An Open Discussion ?' & Best SFP Awards</i>, chaired by Brian David Johnson (Director of Future Casting, Interactions and Experience Research, Intel Labs, INTEL Corp, USA)</p>

W2 - iC'11: Intelligent Campus

WORKSHOP - 25 JULY 2011	ROOM	Room 3
	09:00-10:30	<p>W2.1 - Welcome introduction to the International iCampus Workshop 2011 (IC'11) Jason Ng, Chief Scientist, Etisalat British Telecom Innovation Centre, UAE</p> <p>W2.2 - [TRACK I - OPENING]: Introduction to the "Education Technologies for Learning" track Minjuan Wang, Professor of Educational Technology, San Diego State University, USA</p> <p>W2.3 - [KEYNOTE]: BT Education Beyond the Cloud Paul Wyatt-Pike, Education Team Lead, BT Learn Anytime, BT Global Services, UK</p> <p>W2.4 - Teaching Next Generation Computing Skills; The Challenge of Embedded Computing Minjuan Wang, Victor Callaghan, Malcolm Lear, and Martin Colley</p> <p>W2.5 - Personalized uLearning in a Smart Anytime-Anywhere Campus Environment Omran Al Hammadi, Mohamed Jamal Zemerly, and Jason W.P. Ng</p>
	10:30-11:00	Tea/Coffee
	11:00-12:40	<p>W2.6 - Smart Mobile Assessment Tool Ahmed Al Dhanhani, Rabeb Mizouni, Hadi Otrok, and Jason W.P. Ng</p> <p>W2.7 - iNet: An Intelligent Network as a Personal Assistant in an iCampus Environment David Benavides, Erik Fuentes, and Victor Zamudio</p> <p>W2.8 - Facilitating Access to Educational Content through Smarter Educational Environments, Lewis Reilly, Leam Delaney, Juan C. Augusto, John Kennedy, and Malcom Hutchison</p> <p>W2.9 - An Efficient Data Reduction Technique for Single and Multi-Modal WSNs Mohamed O. Abdel-All, Rabie A. Ramadan, Ahmed A. Shaaban, and Mohamed Z. Abdel-Meguid</p> <p>W2.10 - Similarity Pattern Mining in Intelligent Office Environments Saifullizam Puteh, Caroline Langensiepen, and Ahmad Lotfi</p>
	12:40-13:40	LUNCH
	13:40-15:20	<p>W2.11 - [TRACK II - OPENING]: Introduction to the "Immersive Education Spaces" track Michael Gardner, Director of Digital Lifestyles Centre, UK</p> <p>W2.12 - [KEYNOTE]: Implementing Mixed Immersive Reality Teaching and Learning: Lessons Learned; Warren W. Sheaffer, Computer Science Chairman, Saint Paul College, USA</p> <p>W2.13 - The Intelligent Classroom: Beyond Four Walls; James Dooley, Victor Callaghan, Hani Hagra, Michael Gardner, Mohammed Ghanbari, and Daniyal Al-Ghazzawi</p> <p>W2.14 - Augmented Reality: A New alternative for Education in Emerging Countries Marcos Reyes, Victor Zamudio, Rosario Baltazar and Carlos Lino</p> <p>W2.15 - Virtual Classrooms: Making the Invisible, Visible Tongzhen Zhang, Victor Callaghan, Ruimin Shen, and Marc Davies</p>
	15:20-15:50	Tea/Coffee
	15:50-17:30	<p>W2.16 - Investigation into Learning Style based Grouping in e-Learning Manbir Singh Mand and Fang Wang</p> <p>W2.17 - [INVITED TALK]: Introduction of the Immersive Education Initiative Aaron Walsh, Director of Immersive Education Initiative, USA</p> <p>W2.18 - [INVITED TALK]: Overview of iED Europe Michael Gardner, Director of Digital Lifestyles Centre, UK</p> <p>W2.19 - [INVITED TALK]: Introduction of the iCampus initiative</p>



Jason Ng, Chief Scientist, Etisalat British Telecom Innovation Centre, UAE

W2.20 - **[CLOSING]**: Announcement of 'IC'11 Best Paper Award', Roundtable/Panel discussion, and 'The Next Step Forward'

DRAFT

W3 - AITAmI'11: Artificial Intelligence Techniques for Ambient Intelligence

WORKSHOP - 25 JULY 2011	ROOM	Room 4
	09:00-09:15	Opening
	9:15-10:00	Posters presented (on the seven papers accepted)
	10:00-10:30	Keynote 1: "Companion Technologies and Multimodal Interaction for Ambient Intelligence", Michael WEBER (Institute of Media Informatics, University of Ulm)
	10:30-11:00	Tea/Coffee
	11:00-11:30	Keynote 2: by Patrick Olivier (University of Newcastle, UK)
	11:30-12:00	Two parallel discussion groups
	12:00-12:20	Presentation of results (10' each group)
	12-20:12:30	Conclusions and closing
		Papers Accepted W3.1 - Distributed rule reasoning in a context-aware system by means of Semantic Web, Alberto GARCIA-SOLA, Teresa GARCIA-VALVERDE, Juan A. BOTIA (Universidad de Murcia) W3.2 - Discovering Models of Human's Behavior from Sensor's Data, Laura POMPONIO, Marc LE GOCa (LSIS, Laboratoire des Sciences de l'Information et des Systèmes, Marseille, France), Eric PASCUAL. Alain ANFOSSO (CSTB, Centre Scientifique et Technique du Bâtiment, Sophia Antipolis, France) W3.3 - A Layered Architecture for Situation Aware Home Environments. Stefano Ferilli, Davide Cavone, Berardina De Carolis, Nicole Novielli (Department of Computer Science, University of Bari, Italy) W3.4 - Towards an Object Oriented Ambient Computing Model, Idham Anantaa (Universitas Gadjah Mada, Indonesia), Vic Callaghan, Jeannette Chin (University of Essex) W3.5 - Towards affection integration on context-aware recommendation of semantically annotated routes, Jose A. Mocholi , Javier Jaen, Alejandro Catala, (Universidad Politécnica de Valencia, Spain). W3.6 - Non-obstructive authentication in AAL environments, António Almeida, Luis Lima (Gestão de Felgueiras do Instituto Politécnico do Porto, Portugal) Ricardo Costa (USIG, INESC Porto, Portugal) Paulo Novais (Universidade do Minho, Braga, Portugal). W3.7 - A Simple Wall Follower NXT Robot to Localization and Mapping in an unknown environment, Rosario BALTAZAR, Abel CERVANTES and Victor ZAMUDIO (Leon Institute of Technology, Leon, Guanajuato, Mexico).

W4 - SOOW: Smart Offices and Other Workplaces

WORKSHOP - 25 JULY 2011	ROOM	Room 4
	13:40-15:20	<p>W4.1 - [KEYNOTE] From Context-aware Environments to Affective Smart Environments, Maria Goreti CARVALHO MARREIROS (Institute of Engineering - Polytechnic of Porto, Portugal).</p> <p>W4.2 - Progress Towards a Smart Multi-modal Technical Office for the Disabled - a Review, Gordon HUNTER, Angela WIGMORE (Faculty of Science, Engineering and Computing, Kingston University, U.K.).</p> <p>W4.3 - Ontologies for Meeting Contents Awareness - MTO and IGMTO, Carlos Filipe FREITAS, Helio MARTINS, Carlos RAMOS (Institute of Engineering - Polytechnic of Porto, Portugal), João BARROSO (Universidade de Trás os Montes e Alto Douro, Portugal).</p> <p>W4.4 - Objective Measurement of Ambient Intelligence Influence on Decision Support in Smart Offices, Shady ALY (Faculty of Engineering at Helwan, Egypt) and Ivan VRANA (Czech University of Life Sciences, Prague, Czech Republic).</p> <p>W4.5 - Smart Photo Frame for Arousal Feedback Wearable Sensors and Intelligent Healthy Work Environment, Kimmy ANSEMS, Wei CHEN (Eindhoven University of Technology, Eindhoven, The Netherlands) and Lindsay BROWN (IMEC NL, Holst Centre, Eindhoven, The Netherlands).</p>
	15:20-15.50	Tea/Coffee
	15:50-17.30	<p>W4.6 - Ambient Intelligence at Workplaces: Where Are the Problems?, Peter MIKULECKÝ (University of Hradec Kralove, Czech Republic).</p> <p>W4.7 - The Usability of Psychological Tests in Completing Personas, Kamila OLŠEVIČOVÁ, Hana ROHROVÁ (University of Hradec Králové, Czech Republic).</p> <p>W4.8 - Biological Immune System as Metaphor for Ambient Intelligence Systems, Martina HUSÁKOVÁ (University of Hradec Králové, Czech Republic).</p> <p>W4.9 - The Information System in Ruby on Rails for E-learning 2.0, Kamila OLŠEVIČOVÁ (University of Hradec Králové, Czech Republic).</p> <p>W4.10 - Towards an Intelligent Learning Environment Using Ontology Based Reasoning, Pavel Čech (Faculty of Informatics and Management, University of Hradec Králové, Czech Republic).</p>

W5 - WISHWell'11: Intelligent Environments Supporting Healthcare and Well-being

WORKSHOP - 25 JULY 2011	ROOM	Room 5
	09:00-09:15	Opening
	9:15-10:00	Keynote 1: "Further Uses of Educational and Assistive Technology for People with Disabilities", David Brown (School of Science and Technology, Nottingham Trent University, UK).
	10:00-10:30	Posters presented (on the eight papers accepted)
	10:30-11:00	Tea/Coffee
	11:00-11:30	Keynote 2: "Ambient Ecologies and Activity Spheres", Achilles Kameas (Computer Technology Institute, Patras, Greece).
	11:30-12:00	Two parallel discussion groups
	12:00-12:20	Presentation of results (10' each group)
	12-20:12:30	Conclusions and closing
		Papers Accepted W5.1 - Recognition of Walking Activities Using Wireless Inertial and Orientation Sensors: A Performance Evaluation, Cagri YALCIN, Raluca MARIN-PERIANU, Paul HAVINGA (University of Twente, The Netherlands), Mihai MARIN-PERIANU (Inertia Technology B.V., The Netherlands). W5.2 - Personalized Health Care and Information Services for Elders, Diego Gachet, Manuel de Buenaga (Universidad Europea de Madrid, Spain), Juan. R Ascanio (Encore Solutions, Madrid, Spain), Miguel Aznar (AnswareTech, Alcorcón, Spain). W5.3 - A Pervasive Assistant for Hospital Staff, Alexiei DINGLI, Charlie ABELA, Ilenia D'AMBROGIO (Department of Intelligent Computer Systems, University of Malta). W5.4 - Evaluation of context-aware coordination of interruptions in mobile application, Sonja GIEVSKA, Vladimir TRAJKOVIC (University of "Sts. Cyril & Methodius", R. of Macedonia). W5.5 - Model-Fitting for Automated and Robust Determination of Pulmonary Oxygen Exchange, Nick FUNG, Joan LASENBY (Department of Engineering, University of Cambridge, UK), J. Gareth JONES (Anaesthesia Unit, Cambridge Clinical School, Cambridge, UK) and Rob ROSS RUSSELL (Department of Paediatrics, Addenbrooke's Hospital, Cambridge, UK). W5.6 - Evaluation of Ontologies for the Ambient Assisted Living Domain, Andrea O'BRIEN and Rónán MAC RUAIRÍ (Institute of Technology, Dundalk, Ireland). W5.7 - Context aware assistant for the aging and dependent society, Fano RAMPARANYa, Yazid BENAZZOUZ (Orange Labs, Meylan, France), Laure CHOTARD (Orange Labs, Sophia Antipolis, France), Edine COLY (Sogeti High Tech, Montbonnot, France). W5.8 - Robot interaction with domestic environments considering AAL services and smart home technologies, Melvin ISKEN, Thomas FRENKEN, Melina BRELLa (Institute for Information Technology, Oldenburg, Germany), Andreas HEIN (University of Oldenburg, Germany).

W6 - SciT: Scientific Theatre

WORKSHOP - 26 JULY 2011	ROOM	Room 3
	09:00-10:30	<p>W6.1 - Scientific Theatre: Multidisciplinary Approach to Designing Intelligent Environments, Yevgeniya KOVALCHUK (School of Computer Science and Electronic Engineering, University of Essex, UK)</p> <p>W6.2 - Interactive Multimedia Performance Technology and Augmented Stage, Kia NG (Interdisciplinary Centre for Scientific Research in Music, School of Computing and School of Music, University of Leeds, UK)</p> <p>W6.3 - A Proposal for the Aesthetics of Engagement in Intelligent Environments, Karen CHAM (Kingston University, London, UK)</p> <p>W6.4 - ExoBuilding, Holger SCHNÄDELBACH, Kevin GLOVER, Nils JÄGER, Dave KIRK (Mixed Reality Laboratory, University of Nottingham, UK)</p>
	10:30-11:00	Tea/Coffee
	11:00-12:40	<p>W6.5 - Artificial Rat Project: a Study of Human-Machine Interaction, Joanna Maria STACEWICZ (School of Mathematical and Computer Sciences, Heriot-Watt University, Edinburgh, UK)</p> <p>W6.6 - Mobile Device Augmentation for Interactive Environments, Matthew BENATAN, Ian SYMONDS and Kia NG (Interdisciplinary Centre for Scientific Research in Music, School of Computing and School of Music, University of Leeds, UK)</p> <p>W6.7 - The Ecology of Creativity and Evolution of Choreographic Strategies, Riikka Theresa INNANEN (Independent choreographer and artist based in Helsinki, Finland)</p> <p>W6.8 - Where Next: an Open Discussion, chaired by Dee REYNOLDS (School of Languages, Linguistics and Cultures, University of Manchester).</p>

W7 - HCIAmI'11: Human-Centric Interfaces for Ambient Intelligence

WORKSHOP - 26 JULY 2011	ROOM	Room 4
	09:00-10:30	<p>W7.1 - Music Recommendation System Based on Human-to-human Conversation Recognition, Hiromasa OHASHI a, Sunao HARAAa Norihide KITAOKAa Kazuya TAKEDA (School of Information Science, Nagoya University, Japan)</p> <p>W7.2 - Creating Adaptive Intelligent Environments by means of Multimodal Dialogue and Learning Systems, Gonzalo ESPEJO, Ramón LÓPEZ-CÓZAR (University of Granada, Spain), Asier AZTIRIA (University of Mondragon, Spain), Juan Carlos AUGUSTO (University of Ulster, United Kingdom).</p> <p>W7.3 - Enhanced and Parameterless Locality Preserving Projections for Face Recognition, F. DORNAIKA, A. MOUJAHID (University of the Basque Country, San Sebastian, Spain) A. ASSOUM (Lebanese University, Tripoli, Lebanon).</p> <p>W7.4 - A Toolkit for the Evaluation of Spoken Dialogue Systems in Ambient Intelligence Domains, Nieves ÁBALOS, Gonzalo ESPEJO , Ramón LÓPEZ-CÓZAR, Zoraida CALLEJAS (Univ. of Granada, Spain) , David GRIOL (Carlos III University of Madrid, Spain)</p>
	10:30-11:00	Tea/Coffee
	11:00-12:40	<p>W7.5 - Developing Smart Domestic Applications using a Wizard of Oz Methodology, Andol X. LI and John V. H. BONNER (School of Computing and Engineering, University of Huddersfield)</p> <p>W7.6 - The VoiceApp System: Speech Technologies to Facilitate Web Access, David GRIOL, Víctor CORRALES (Carlos III University of Madrid, Spain), Zoraida CALLEJAS, Ramón LÓPEZ-CÓZAR, Gonzalo ESPEJO, Nieves ÁBALOS (University of Granada, Spain).</p> <p>W7.7 - A Generic Model of Distrust Behaviour in Online Communities of Trust, David ZEJDA (Faculty of Informatics and Management, UHK, Czech Republic).</p> <p>W7.8 - Using Contextual Information in the Input Interface of a Spoken Dialogue System Ramón LÓPEZ-CÓZAR, Gonzalo ESPEJO, Nieves ÁBALOS (Univ. of Granada, Spain), David GRIOL (Carlos III University of Madrid, Spain)</p> <p>W7.9 - Camera Based Fall Detection Using Multiple Features Validated With Real Life Video, Glen Debar, Peter Karsmakers (Biosciences and Technology Department, K.H.Kempen, Belgium), Mieke Deschodt, Ellen Vlaeyen, Eddy Dejaeger (Center for Health Services and Nursing Research, K.U.Leuven, Belgium), Koen Milisen, Jonas Van den Bergh, Toon Goedemé (Lessius, Campus De Nayer, Belgium) Tinne Tuytelaars (ESAT-PSI, K.U.Leuven, Belgium), Bart Vanrumste (ESAT-SCD, K.U.Leuven, Belgium)</p>

Keynote Speakers

K1 - Sumit PAUL-CHOUDURY, Editor of NewScientist.com, London, UK

Title: What Happens Next? Science Communicators and the Future Tense

Abstract: There are relatively few scientific or technology breakthroughs whose significance is immediately and widely apparent. Without context, most scientific or technological developments run the risk of seeming trivial or irrelevant in the eyes of the general public. Historical context helps explain the nature of a discovery or innovation; but explaining its significance frequently requires a degree of extrapolation, notably descriptions of potential consequences and ramifications. Science communicators thus almost always need to include an element of forecasting in their presentations of research findings -- typically based on researchers' own thinking about where their work may lead. This talk will illustrate the various ways in which reporting is done in the future tense; present some examples of how it works (and where it fails); outline the constraints on this approach; and suggest some similarities with the SF prototyping process.

Brief Biography: Before becoming editor of newscientist.com, Sumit worked as a financial journalist for Risk magazine, the Economist Intelligence Unit and ERisk. His writing has appeared in publications ranging from the Daily Telegraph to Marvel Comics and the New Musical Express, and he has advised a wide variety of organisations on communications and online strategy. Sumit has a first class degree in physics from Imperial College London and a master's degree in mathematics. He enjoys music, travel and ideas.

* * *

K2 – Prof. Wolfgang Whlaster, DFKI, Germany

Title: Connected Cars Create Smart Spaces

Abstract: Intelligent Car2X technologies create smart spaces inside connected cars and their environment. Future cars serve as mobile sensors, mobile internet nodes and mobile compute servers. We present a new generation of car assistants that provide a broad range of situation-aware services from local danger warnings, intelligent intersection and traffic light management to persuasive eco-driving coaching. Three types of situational context are being modeled in our systems: The communication situation (i.e. the multimodal dialog context of the communication with passengers in the car, other drivers, and people outside the car), the driving situation (e.g. high-speed driving, relaxed driving, stopping, parking), and the road with its traffic signs and ambient displays. We will show how a digital black box of the car provides a detailed diary of the car that provides long-term context information. The smart key of our test car can store the shopping list of the driver and can be used for NFC payment in the supermarket. The in-car sensors detect missing shopping items and plan the route accordingly. The car monitors temperature and the air-conditioning when frozen products are being carried. We will illustrate our approach with various video clips from two instrumented BMW and Daimler test vehicles. Finally, we will discuss some future work based on always-on and all-electric cars that provide an emotional experience and social network behavior.

Brief Biography: Professor Wolfgang Wahlster is the Director and CEO of the German Research Center for Artificial Intelligence (DFKI) and a Professor of Computer Science. DFKI is the world's largest contract research center with more than 800 scientists, working for its industrial shareholders including BMW, Daimler, Deutsche Telekom, John Deere, Intel, SAP, EADS and DHL. More than 60 hightech spin-off companies have been founded by DFKI.. Professor has published more than 180 technical papers and 9 books on mobile and multimodal user interfaces, instrumented environments, the semantic web, the internet of things and the internet of services. He is an AAAI Fellow (since 1993), an ECCAI Fellow (since 1999), and a GI Fellow (since 2004). In 2001, the President of Germany presented the German Future Prize to Professor Wahlster for his work on language technology and intelligent user interfaces, the highest scientific award in Germany. He was the first German computer scientist elected Foreign Member of the Royal Swedish Academy of Sciences, Stockholm 2003. In 2004, he was elected Full Member of the German National Academy of Sciences Leopoldina, that was founded in 1652. In 2006, he has been awarded the Federal Cross of Merit, First Class of Germany. He has also been appointed member of the Research Union "Business - Science" as chief advisor for ICT research of the German government and served as a partner for innovation of Chancellor Dr. Merkel. Since 2009 he is a member of the Executive Steering Board of the EIT ICT Labs of the European Institute of Innovation and Technology. In addition, Dr. Wahlster serves on the Executive Board of the International Computer Science Institute at UC Berkeley. He is in the editor of Springer's LNAI series and on the editorial board of various top international journals like CACM.

* * *

K3 – Prof. Steve Goodhew, Nottingham Trent University, UK

Title: People and building performance: the interrelationship between energy usage, the building fabric and the behaviour of building occupants.

Abstract: The need for reductions in energy demand in domestic buildings has long been a relevant issue, both to governments, building owners and occupiers alike. Over recent years environmental pressures and fuel scarcity/security have driven a number of different methodologies for reducing the energy we use in our homes, whilst still maintaining basic internal comfort conditions. Steve's presentation grapples with the highs and lows of these technologies and the probable effectiveness of legislation verses innovation. Do we have to go back to the past to answer future and current problems?

Brief Biography: Steve Goodhew is Associate Dean for Research and Graduate Studies at Nottingham Trent University. Steve leads the Sustainable Technologies Research Group at NTU and has personal research interests focused on the use of natural materials in building products, the thermal/moisture performance and interaction of buildings and people. Steve gained most of his insights into these topics through a Masters in Energy and Buildings at Cranfield University and a PhD involving the in situ thermal measurement of building materials at the University of Plymouth.

* * *

K4 – Prof. Vinny Cahill, Trinity College, Ireland

Title:

Abstract:

* * *

GALA Dinner Talk - Brian David JOHNSON, Intel Corp
Science Fiction Prototyping: Designing the Future with Science Fiction

Registered Delegates

Acharya, Karthikeya - Aalto University
Aditya Balakunje Rao, Sunder - Eindhoven University of Technology
Ai Ling Lee, Clarissa - Duke University
David Aldridge – Immersive Displays Ltd
Al-Mejibli, Intisar - University of Essex
Anderson, Paul - Intelligent Content Ltd
Andrea Jaramillo Garcia, Paola - Eindhoven University of Technology
Antonio Botía Blaya, Juan - Universidad de Murcia
Apolinarski, Wolfgang - Universität Duisburg-Essen
Appleby, Robert - University of Manchester
Assoum, Ammar - Lebanese University
Backhouse, Gaynor - Intelligent Content Ltd
Ball, Matthew - University of Essex
Barba Marti, Antonio - UPC
Bart, Vanrumste - KULeuven/KHKempen
Benatan, Matt - The University of Leeds
Bostanci, Erkan - Essex University
Brandherm, Boris - German Research Center for Artificial Intelligence
Brell, Melina - OFFIS
Bujdei, Catalin - University Transilvania of Brasov
Cahill, Vinny - Trinity College
Callaghan, Vic - University of Essex
Carlos Augusto, Juan - University of Ulster
Carlos Castillo Montoya, Jose - University of Castilla - La Mancha
Cech, Pavel - University of Hradec Kralove
Cham, Karen - Kingston University
Charitos, Dimitris - University of Athens
Chen, Wei - Eindhoven University of Technology
Corno, Fulvio - Politecnico di Torino
Costa, Ricardo - Esc. Sup. de Tecnologia e Gestão de Felgueiras
Cui, Jia - Nottingham Trent University
Cynn, Christine - Freelance Documentary Film Producer, London
D'Ambrogio, Ilenia - University of Malta
Davies, Marc - Essex University
de Buenaga, Manuel - Universidad Europea de Madrid
del Rosario Baltazar Flores, María - Leon Institute of Technology
Ding, Yong - Karlsruhe Institute of Technology (KIT)
Dingwall, Robert - Horizon Digital Economy Research
Dooley, James - University of Essex
Durrant, Abigail - Horizon Institute University of Nottingham
Dyrba, Martin - University of Rostock
Egerton, Simon - Monash University
Espejo Pérez, Gonzalo - University of Granada / University of Ulster
Fedoruk, Alan - Mount Royal University
Filipe Freitas, Carlos - ISEP

Fischer, Michael - University of Kent
Frey, Jochen - DFKI GmbH
Gachet Páez, Diego - Universidad Europea de Madrid
Garcia Sola, Alberto - University of Murcia
Gassmann, David - University Rostock
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Goulden, Murray - Horizon Digital Economy Research
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Grian, Hazel - Independent Artist
Gruenerbl, Agnes - University of Passau
Hales, Derek - The University of Huddersfield
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Hopkins, Gail - University of Nottingham
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Hunter, Gordon - Kingston University
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Idham Ananta Timur, Muhammad - Universitas Gadjah Mada
Jaeger, Nils - MRL- University of Nottingham
Jakimovski, Predrag - TecO- KIT
Jennings, Brendan - Waterford Institute of Technology
Jiang, Xinyi - University of Dundee
Johnson, Brian David - Intel Corp
Jung, Ralf - DFKI GmbH
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Maria Stacewicz, Joanna - Heriot-Watt
McBride, Neil - De Montfort University
McCullagh, Paul - University of Ulster
McNaull, James - University of Ulster
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Mikulecky, Peter - University of Hradec Kralove
Mocholi, Jose - Univ. Politecnica de Valencia

Moores, Toby - Sleepydog Ltd
Ng, Jason - BT
Nick, Fung - University of Cambridge
Novielli, Nicole - University of Bari - Dept. of Computer Science
O'Brien, Andrea - Dundalk Institute of Technology
Ohashi, Hiromasa - Nagoya University
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Ojetola, Olukunle - Coventry University
Olawale osho, Fatai - Great Media International
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Päßler, Sebastian - Institut für Halbleiter- und Mikrosystemtechnik (IHM)
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Senatore, Gennaro - University College London
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Sgorbissa, Antonio - DIST - University of Genova
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Spalinger, Don - University of Southampton
Stamm, Oliver - Ulm University
Stathopoulos, Athanasios - National Technical University of Athens
Tassini , Kevin - Carnegie Mellon University
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Zamudio, Victor - Leon Institute of Technology

Zaw Htike, Zaw - Monash University
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Room Layout

