

2025



Keynote Presentation:

“CHALLENGES AND PERSPECTIVES ON THE DEVELOPMENT OF HUMAN LEARNING WITH AI”



by Professor Marcus Specht, Learning Sciences in Higher Education at the Research Center for Higher Education of the Future (CATALPA) at the Fernuniversität in Hagen, Germany



Special Talk Presentation:

“AI for Predicting Domestic Violence Recidivism in Portugal”



by Professor Helder Rodrigo Pinto — affiliated with ISEP and ISTECS Porto, researcher at GECAD–ISEP, Director of CITECA, President of the Technical-Scientific Council at ISTECS Porto, and Director of R&D at MEDCEI, Portugal

2024



Keynote Presentation:

“DATA ANALYTICS AND ARTIFICIAL INTELLIGENCE IN BUSINESS, SOCIETY, AND ACADEMIA: OPPORTUNITIES AND RISKS BEYOND THE TECHNOLOGICAL HYPE”

by Prof. Dr. Claudia Loebbecke, Dept. of Media and Technology Management, University of Cologne, Germany

2023

Keynote Presentation:



“BACK TO THE DIFFERENCES: RETHINKING INFORMATION SEARCH (AND RECOMMENDATION) ON THE WEB”



by Professor Sean Siqueira, Department of Applied Informatics, Federal University of the State of Rio de Janeiro (UNIRIO), Brazil

2021



Keynote Presentation:

“FROM EDGE VIDEO ANALYTICS TO FEDERATED LEARNING”



by Professor Dr. Ling Liu, School of Computer Science, Georgia Institute of Technology, USA

2020

Keynote Presentation:



“ARTIFICIAL INTELLIGENCE TO SUPPORT INTELLIGENT SOCIETY (THE JOURNEY FROM INDUSTRY 0.0 TO 4.0)”



by Professor Dhiya AL-Jumeily, Professor of Artificial Intelligence/ IEEE Senior Member, Faculty of Engineering and Technology, Liverpool John Moores University, UK

2019



Keynote Presentation:

“FORGET ABOUT THE BILL: IoT-BASED SOLUTIONS TOWARDS THE NET ZERO ENERGY BUILDING”



by Dr. Virginia Pilloni, Department of Electrical and Electronic Engineering, University of Cagliari, Italy



Keynote Presentation:

“MONITORING PEOPLE MOBILITY IN SMART CITIES: APPLICATIONS AND TECHNOLOGIES”



by Professor Luigi Atzori, Multimedia & Communication Lab (MC Lab) Head, University of Cagliari, Italy

2018



Keynote Presentation:

“NEW TRENDS OF COMPUTING PLATFORMS: CONVERGENCE VS. DIVERSIFICATION”



by Dr. Róbert Lovas, Deputy Head of Laboratory, Laboratory of Parallel and Distributed Systems, Hungarian Academy of Sciences, Hungary

2017



Keynote Presentation:

“MAKING THE FUTURE A BETTER PLACE TO LIVE IN”



by Professor Paulo Ferreira, Department of Computer Science and Engineering, IST – Técnico Lisboa, Portugal



Invited Talk:

“IPV6-BASED NEW INTERNET”



by Dr. Latif Ladid, Founder & President of the IPv6 Forum

Tutorial:

“INTERACTION DESIGN FOR AUTOMATED GENERATION OF WEB USER INTERFACES”



by Hermann Kaindl, TU Wien, Vienna, Austria

2016



Keynote Presentation:

“THE INTERNET OF THINGS – BOON AND BANE OF THE MODERN WORLD?”



by Prof. Miriam Foeller-Nord, Hochschule Mannheim, Germany

2015



Keynote Presentation:

“APPLIED COMPUTING: THEORY, IMPLEMENTATION, APPLICATION”



by Dr. Dhiya Al-Jumeily, Liverpool John Moores University, UK

2014



Keynote Presentation:

“TEXT MINING APPROACHES FOR BIOMEDICAL INFORMATION EXTRACTION”



by José Luís Oliveira, Associate Professor, University of Aveiro, Portugal



Keynote Presentation:

“WWW RESEARCH CHALLENGES FOR THE NEXT DECADE”



by Professor Bebo White, Stanford University, USA

2013



Keynote Presentation and Conference Tutorial:

“SENTIC COMPUTING”



by Erik Cambria, Research Scientist at the National University of Singapore (Cognitive Science Programme, Temasek Laboratories) and Associate Researcher at the Massachusetts Institute of Technology (Synthetic Intelligence Project, Media Laboratory).

2012



Keynote Presentation:

“AFFECTIVE COMPUTING APPLIED TO SPOKEN DIALOGUE SYSTEMS”



by Prof. Ramon Lopez-Cozar Delgado, SISDIAL Research Group, Dept. of Languages and Computer Systems, Faculty of Computer Science and Telecommunications, University of Granada, Spain

2011

Keynote Presentation:

“SECURE BIOMETRICS”



by Professor Professor Dinesh Kumar Associate Professor of Biosignals at RMIT University, Australia



Keynote Presentation:

“OPPORTUNITIES AND CHALLENGES FOR INFORMATION SYSTEMS APPLIED RESEARCH IN BRAZIL”



by Professor Renata Mendes de Araújo UNIRIO – Federal University of State of Rio de Janeiro, Brazil

2010



Keynote Presentation:

“ESKILLS – A CHALLENGE FOR THE MODERN SOCIETY”



by Professor Vasile Baltac ATIC - IT&C Association of Romania, Vice-Chairman of World Information Technology and Software Alliance (WITSA) and President of the Council of European Professional and Informatics Societies (CEPIS), Romania

Keynote Presentation:

“AN INTEGRATED PORTAL FRAMEWORK FOR PROVIDING WEB SERVICES AND E-LEARNING FACILITIES”



by Dr. Alina Andreica, Associate Professor, Head of IT Department, Babes-Bolyai University, Cluj-Napoca, Romania

2009



Keynote Presentation:

“SECURE ORCHESTRATIONS OF COOPERATIVE BUSINESS PROCESSES”



by Professor Ernesto Damiani, University of Milan, Italy

Keynote Presentation:

“SECURITY IN THE REAL ETHER WORLD”



by Professor Dinesh Kumar, Associate Professor of Biosignals at RMIT University, Australia

Conference Tutorial:

“THE WHY AND HOW OF WEB-MASHUPS”



by Professor Sven Rizzotti, University of Basel Switzerland

2008

Keynote Presentation:

“AGENT-BASED VIRTUAL ORGANIZATION”



by Dr. Marcin Paprzycki Systems Research Institute Polish Academy of Science, Poland

Conference Tutorial:

“INTRODUCTION TO SOFTWARE AGENTS AND THEIR APPLICATIONS”



by Dr. Marcin Paprzycki and Dr. Maria Ganzha, Systems Research Institute Polish Academy of Science, Warsaw, Poland

2007

Keynote Presentation:

“STRATEGISING IN THE AGE OF AGILITY AND GLOBALISATION: INFORMATION SYSTEMS THAT MEET DYNAMICALLY CHANGING NEEDS”



by Professor Ajith T Abraham, Yonsei University, South Korea / NTNU, Norway

Keynote Presentation:

“TIME” TO “CHANGE” POLICIES”



by Professor Hussein Zedan, De Montfort University, UK

Keynote Presentation:

“CONTRACT RELATED AGENTS”



by Professor Keith Clark, Imperial College London, UK

2006

Keynote Presentation:

“MINING BUSINESS INTELLIGENCE FROM RAW WEB LOGS”



by Dr. Ajith Abraham, Distinguished Visiting Professor IITA Professorship Program School of Computer Science and Engineering, Chung-Ang University, S. Korea

Keynote Presentation:

“WOMBAT: A WORLDWIDE OBSERVATORY OF MALICIOUS BEHAVIORS AND ATTACK THREATS”



by Dr. Marc Dacier, Institut Eurecom, France

Keynote Presentation:

“FREE SOFTWARE AND THE GNU/LINUX SYSTEM”



by Professor Richard Stallman, Free Software Foundation, USA

Conference Tutorial:

“EVOLUTIONARY MULTIOBJECTIVE OPTIMIZATION: REVIEWS, PERSPECTIVES AND APPLICATIONS”



by Dr. Ajith Abraham, Distinguished Visiting Professor IITA Professorship Program School of Computer Science and Engineering, Chung-Ang University, S. Korea and Dr. Crina Grosan, Assistant Professor Computer Science Department of Babes-Bolyai University, Cluj-Napoca, Romania

2005

Keynote Presentation:

“DESIGNING AGENT SYSTEMS”



by Dr. Marcin Paprzycki, Computer Science Department, Oklahoma State University, Tulsa, Oklahoma, USA Mathematics and Computer Science, Adam Mickiewicz University, Poznań, Poland

Keynote Presentation:

“ENGINEERING HYBRID SOFT COMPUTING SYSTEMS”



by Dr. Ajith Abraham, Distinguished Visiting Professor IITA Professorship Program School of Computer Science and Engineering, Chung-Ang University, S. Korea

2004

Keynote Presentation

“AMBIENT AND UBIQUITOUS COMPUTING: SMART ARTEFACTS AND THE DISAPPEARING COMPUTER”



by Dr. Norbert Streitz, AMBIENTE - Smart Environments of the Future, Fraunhofer IPSI, Darmstadt, Germany

Keynote Presentation:

“SOFTWARE AGENTS IN THE REAL WORLD”



by Dr. Marcin Paprzycki, Computer Science Department, Oklahoma State University, Tulsa, Oklahoma, USA and Mathematics and Computer Science, Adam Mickiewicz University, Poznań, Poland