

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 ISTECA Porto, researcher at GECAD–ISEP, Director of CITECA, President of the Technical-Scientific Council at ISTECA 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:**



**“BLOCKCHAIN TECHNOLOGY AS A FOUNDATION FOR A FUTURE WEB”**



by Professor Bebo White, Department Associate (Emeritus), SLAC National Accelerator Laboratory/Stanford University at Menlo Park, California, USA

2020

**Keynote Presentation:**



**“YOU CANNOT PREDICT ELECTORAL RESULTS USING SOCIAL MEDIA (BUT/BECAUSE SOCIAL MEDIA MAY CHANGE THE RESULTS)”**



by Professor Panagiotis Takis Metaxas, Professor and Chair of Computer Science Department Wellesley College, USA

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:

#### ENABLING PROVENANCE ON THE WEB: STANDARDIZATION AND RESEARCH QUESTIONS



by Professor Luc Moreau, University of Southampton, UK

## 2014

### Keynote Presentation:



### **#NOEMAIL - WHY YOU COULD/SHOULD/MUST USE BETTER WAYS OF COMMUNICATING THAN EMAIL**



by Professor Paul Jones, Clinical Professor, School of Media and Journalism & School of Information and Library Science, University of North Carolina - Chapel Hill, USA



### Keynote Presentation:

### **"WWW RESEARCH CHALLENGES FOR THE NEXT DECADE"**



by Professor Bebo White, Stanford University, USA

## 2013



### Keynote Presentation:

### **ERASURE-CODED DISTRIBUTED CLOUD STORAGE: MYTHS AND REALITIES**



by Dr. Yih-Farn Robin Chen, Researcher, AT&T Labs Research, USA



### Keynote Presentation:

### **THE PREDICTIVE POWER OF SEARCH TRENDS AND SOCIAL MEDIA**



by Professor Takis Metaxas, Wellesley College, USA



### 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:**

**SOCIAL COMPUTING IN THE E-ERA**



by Professor Irwin King, The Chinese University of Hong Kong, Hong Kong

**Keynote Presentation:**

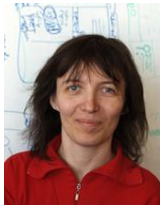
**USER ENGAGEMENT IN THE WEB: THE NETWORK EFFECT MATTERS**



by Dr. Ricardo Baeza-Yates, VP of Yahoo! Research, Barcelona, Spain

2011

**Keynote Presentation:**



**LIGHTWEIGHT SEMANTICS FOR THE “WILD WEB**



by Professor Mária Bieliková Slovak University of Technology in Bratislava, Slovakia

**Keynote Presentation:**



**THE BRAZILIAN NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY FOR THE WEB: BRIDGING THE GAP BETWEEN THE WEB AND SOCIETY**



by Professor Nivio Ziviani, Professor Emeritus at Federal University of Minas Gerais, Brazil

2010

**Keynote Presentation:**



**FROM THE INFORMATION SUPER HIGHWAY TO THE CLOUD:  
AN INCREDIBLE JOURNEY**



by Professor Mark Frydenberg, Senior Lecturer Bentley University,  
USA

**Keynote Presentation:**

**THE OPEN WEB: PRACTICAL STANDARDS FOR FRONTEND DEVELOPERS**



by Dr. Molly Holzschlag, Web Evangelist Developer Relations, Opera Software, USA

2009

**Keynote Presentation:**

**LOOKING INTO THE CRYSTAL BALL: CHALLENGES FOR WEB APPLICATION DESIGN BEYOND WEB 2.0**



by Professor Daniel Schwabe, Professor, Department of Informatics, Catholic University in Rio de Janeiro (PUC-Rio), Brazil”

2008



**Keynote Presentation:**

**THE EMERGENCE OF WEB SCIENCE**



by Professor Bebo White, Stanford University, USA

**Special Talk:**

**HUMAN-WEB INTERACTION RESEARCH**



by Peter Géczy, Noriaki Izumi, Shotaro Akaho and Kôiti Hasida, The National Institute of Advanced Industrial Science and Technology (AIST), Tokyo and Tsukuba, Japan

2007



**Keynote Presentation:**

**TOWARDS A CONSTRUCTIONIST WEB**



by Senior Researcher Ken Kahn, Oxford University and London Knowledge Lab, UK



**Keynote Presentation:**

**UNDERSTANDING WEB USE IN SMALL FIRMS**



by Professor Philip Powell, Deputy Dean, School of Management, University of Bath, UK



**Conference Tutorial:**

**RUNNING THROUGH THE LABYRINTH OR HOW TO FIND INFORMATION EFFECTIVELY ON THE WWW**



by Professor Paul Nieuwenhuysen, Vrije Universiteit Brussel, B-1050 Brussel, and Information and Library Science, Universiteit Antwerpen, Belgium

2006

**Keynote Presentation:**

**WEB SERVICES AND AGENTS: A MARRIAGE THAT TRANSFORMS E-BUSINESS?**



by Professor Katia P. Sycara, School of Computer Science, Carnegie Mellon University, USA

**Keynote Presentation:**

**MANAGING DIVERSITY IN KNOWLEDGE**



by Professor Fausto Giunchiglia, Head of the Department of Information and Communication Technology, University of Trento, Italy

2005

**Keynote Presentation:**

**MOBILE CYBER OFFICE: CONCEPTS, DESIGNS AND IMPLEMENTATIONS**



by Dr. Nian-Shing Chen, Professor & Chairman, Department of Management of Information System, National Sun-Yat-Sen University

**Keynote Presentation:**

**THE DECLINE AND FALL OF THE SEARCH ENGINE EMPIRE**



by Professor Mike Jackson, University of Central England, Birmingham, UK

**Keynote Presentation:**

**A WALK ON THE SOFT SIDE: ORGANIZATIONAL ANALYSIS AS A MEANS TO MORE EFFECTIVE ICT ADOPTION AND USE**



by Dr David Wainwright, Reader in Information Systems, School of Computing, Engineering and Information Sciences, Northumbria University, UK

2004

**Keynote Presentation:**

**NEW DIRECTIONS FOR RESEARCH ON WEB-BASED LEARNING**



by Professor Thomas C. Reeves, The University of Georgia, USA

**Keynote Presentation:**

**THE PC IN 6 TO 10 YEARS AND WHAT THIS WILL MEAN FOR SOCIETY**



by Professor Hermann Maurer, Graz University of Technology, Austria

2003

**Keynote Presentation:**

**THE MYTHS, REALITIES, AND UNKNOWNNS OF ONLINE LEARNING**



by Professor Thomas C. Reeves, The University of Georgia, USA

**Keynote Presentation:**

**SELF-MANAGING E-COMMERCE SITES**



by Professor Daniel A. Menasce, George Mason University, Virginia, USA

2002



**Keynote Presentation:**

**FROM ADAPTIVE HYPERMEDIA TO THE ADAPTIVE WEB**



by Professor Peter Brusilovsky, University of Pittsburgh, USA



**Keynote Presentation:**

**ESSENTIAL INGREDIENTS OF AN E- LEARNING ENVIRONMENT**



by Professor Hermann Maurer, Graz U. of Technology, Austria



**Keynote Presentation:**

**CRAFTING STRATEGY FOR THE SUCCESSFUL E-LEARNING BUSINESS**



by Professor Dias de Figueiredo, University of Coimbra, Portugal

**Conference Tutorial:**

**VISUALIZING INFORMATION IN THE CLASSROOM: A TUTORIAL**



by Sam Geonetta, University of Cincinnati, USA

**Conference Tutorial:**

**META-DATA AND META-LEARNING OF DISTRIBUTED EXPERIMENTS**



by Claude Dussart and Claude Petit, Laboratoire LASS, Université De Lyon, France

**Conference Tutorial:**

**SC-CONTEXTUALIZED CONTENT COMP(AR)RENSION/ADVERTISEMENT DEPLOYMENT TOOL**



by João Tedim, Senso Comum Lda. - CEO for Organization and Resource Management, Portugal

**Conference Tutorial:**

**METADATA AND STANDARDS FOR E-LEARNING**



by Maria Helena Braz, Sean Siqueira and Rubens Melo

**Conference Tutorial:**

**IDENTITY IS THE ANSWER**



by Lisa C. Henriques