

# RoCHI 2015 Conference Programme

*Bucharest, Romania, 24-25 September 2015*

Bucharest University of Economic Studies

## Location

Bucharest University of Economic Studies  
The Faculty of Cybernetics, Statistics and Economic Informatics  
Room 2017

## Thursday, 24 September 2015

8:00 – 9:00	Registration
9:00 – 9:20	Opening session RoCHI 2015 Session Chair: Marian Dardala, Bucharest University of Economic Studies
9:20 – 10:20 Invited talk	<i>Jan Gulliksen, KTH Royal Institute of Technology</i> <b>Human Computer Interaction and societal impact – Can HCI influence public policy making and IT politics?</b> Session Chair: Marian Dardala, Bucharest University of Economic Studies
10 :20 – 10 :40	Coffee break
10 :40 – 12 :00 Paper session 1	<b>Usability and evaluation</b> <b>Session Chair: Jan Gulliksen, KTH Royal Institute of Technology</b> Multi-criteria Decision Making software products - a comparison and ranking in terms of usability and functionality <i>Constanta Zoie Radulescu, Alexandru Balog, Lidia Bajenaru and Delia Mihaela Radulescu (ICI Bucharest)</i> Seeking New Insights: A design thinking approach to the development of persuasive technology aimed at supporting clients of a weight management program <i>Paul Doney and Marc Fabri (Leeds Beckett University)</i> A motivational model for Facebook acceptance by university students <i>Dragos Daniel Iordache, Alexandru Balog, Costin Pribeanu (ICI Bucharest) and Vincentas Lamanauskas (Siauliai University)</i> Accessibility of Romanian municipal websites – conformance with WCAG2 <i>Costin Pribeanu, Maria Gheorghe-Moisii (ICI Bucharest) and Paul Fogarassy-Neszly (BAUM Engineering)</i>
12 :00 – 13 :20	Lunch break
13 :20 – 14 :40 Paper session 2	<b>Gaming and simulation</b> <b>Session Chair: Anca Morar, University Politehnica of Bucharest</b> Realistic Simulation of Environmental Phenomena – Snow Fall and Accumulation <i>Sandra Al-Assaf and Dorian Gorgan (Technical University of Cluj-Napoca)</i> Gamepad vibration methods to help blind people perceive colors <i>Vlad Trifanica (University “Lucian Blaga” of Sibiu), Alexandru Butean, Alin Moldoveanu (University Politehnica of Bucharest) and Diana Butean (The KPI Institute)</i> Analyzing Computer Game Strategies through Visual Techniques <i>Mircea Catalin Catana and Dorian Gorgan (Technical University of Cluj-Napoca)</i> Developing a navigational 3D audio game with hierarchical levels of difficulty for the visually impaired players <i>Oana Balan, Alin Moldoveanu, Florica Moldoveanu and Alexandru Butean (University Politehnica of Bucharest)</i>
14 :40 – 15 :00	Coffee break

<p>15 :00 – 16 :40 Paper session 3</p>	<p><b>Natural language interfaces</b>  <b>Session Chair: Costin Pribeanu, ICI Bucharest</b>  Text generation starting from an ontology  <i>Dragos Alexandru Cojocaru and Ștefan Trăușan-Matu (University Politehnica of Bucharest)</i></p> <p>A Design Framework for Foreign Language Learning Applications  <i>Mihaela Colhon (University of Craiova)</i>  Opinion Summarization for Hotel Reviews  <i>Bogdan Marchiș, Alexandru Țifrea, Mihai Volmer and Traian Rebedea (University Politehnica of Bucharest)</i>  Automated Paper Annotation with ReaderBench  <i>Ionut Cristian Paraschiv, Mihai Dascalu, Ștefan Trausan-Matu (University Politehnica of Bucharest) and Philippe Dessus (LSE, Grenoble)</i>  Conversational Agent that Models a Historical Personality  <i>Dorin Rotarescu, Adrian Bogatu and Traian Rebedea (Autonomous Systems, University Politehnica of Bucharest)</i></p>
<p>20 :00 – 23 :00</p>	<p>RoCHI 2015 Dinner  Restaurant “Casa Oamenilor de Știință”</p>

## Friday, 25 September 2015

9:20 – 10:20 Invited talk	<i>Panayiotis Zaphiris, Cyprus University of Technology</i> <b>Social Computing, HCI, Social Change and Peace</b> Session Chair: Traian Rebedea, University Politehnica of Bucharest
10 :20 – 10 :40	Coffee break
10 :40 – 12 :00 Paper session 4	<b>Mobile human computer interfaces</b> <b>Session Chair: Panayiotis Zaphiris, Cyprus University of Technology</b> Disruptive Technologies – UV Protect – Smart Watch Application <i>Andrei-Bogdan Baran and Adrian Iftene ("A.I.Cuza" University of Iasi)</i> Introducing basic geometric shapes to visually impaired people using a mobile app <i>Bogdan Troanca (University "Lucian Blaga" of Sibiu), Alexandru Butean, Alin Moldoveanu and Oana Balan (University Politehnica of Bucharest)</i> Indoor Localization and Navigation Using Phone Sensors and a 3D Model of the Building <i>Szabolcs Orban and Teodor Stefanut (Technical University of Cluj-Napoca)</i> An approach for detecting ID frauds in a traditional voting system using a smartphone stand <i>Paul Strîmbeanu (University "Lucian Blaga" of Sibiu), Alexandru Butean and Florica Moldoveanu (University Politehnica of Bucharest)</i>
12 :00 – 13 :20	Lunch break
13 :20 – 14 :40 Paper session 5	<b>Interaction in virtual spaces</b> <b>Session Chair: Catalin Boja, Bucharest University of Economic Studies</b> Socialization Techniques in Virtual 3D Space <i>George Marian Hotca, Teodor Stefanut and Dorian Gorgan (Technical University of Cluj-Napoca)</i> Gestural Recognition by a Four-Kinect Module in a CAVE "Le SAS" <i>Saleh Salous, Julien Newton, Laure Leroy and Safwan Chendeb (Paris 8 University)</i> Immersive Virtual Reality application using Google Cardboard and Leap Motion technologies <i>Mihai Chifor and Teodor Stefanut (Technical University of Cluj-Napoca)</i> Real Time Visualization of Crowd Dynamics Scenarios <i>Dan Răzvan Ilieș, Adrian Sabou and Dorian Gorgan (Technical University of Cluj-Napoca)</i>
14 :40 – 15 :00	Coffee break
15 :00 – 16 :40 Paper session 6	<b>Interactive web applications</b> <b>Session Chair: Dorian Gorgan, Technical University of Cluj-Napoca</b> Real-time Video Processing in Web Applications <i>Cristian Ionita and Alexandru Barbulescu (Bucharest University of Economic Studies)</i> Diversifying Search Results Using Semantic Resources <i>Cristian Neamtu and Adrian Iftene ("A.I.Cuza" University of Iasi)</i> Motives and characteristics of Facebook use by students from a Romanian university <i>Alexandru Balog, Costin Pribeanu (ICI Bucharest) and Ion Ivan (Bucharest University of Economic Studies)</i> Movies Classification <i>Daniel Gavril and Adrian Iftene ("A.I.Cuza" University of Iasi)</i> A software component for polyglot text-to-speech synthesis: beta testing results <i>Paul Fogarassy-Neszly, Zlatomir Zinveliu (BAUM Engineering) and Costin Pribeanu (ICI Bucharest)</i>
16:40 – 17:00	Closing session RoCHI 2015 Session Chair: Traian Rebedea, University Politehnica of Bucharest