

RoCHI 2013 Conference Program

Cluj-Napoca, 2-3 september 2013

Technical University of Cluj-Napoca
Faculty of Automation and Computer Science, Room H11

MONDAY, SEPTEMBER 2 nd , 2013		TUESDAY, SEPTEMBER 3 rd , 2013	
08:00	Participants registration		
09:00	RoCHI 2013 Opening Session		
09:15	Invited talk: Karin Coninx	09:00	Session 4
10:00	Coffee break	11:00	Coffee break
10:20	Session 1	11:20	Session 5
12:20	Lunch break	13:00	Lunch break
14:00	Session 2	14:30	Session 6
16:00	Coffee break	16:00	Coffee break
16:20	Session 3	16:20	RoCHI 2013 Closing Session
19:30	RoCHI 2013 Gala Dinner		

MONDAY, SEPTEMBER 2 nd , 2013	
08:00-9:00	Participants registration
09:00-9:15	RoCHI 2013 Opening Session Session chair: <i>Dorian Gorgan (Technical University of Cluj-Napoca)</i>
09:15-10:00	Invited talk: <i>Intelligibility Required: How to Make Us Look Smart Again</i> <i>Prof. dr. Karin Coninx (Hasselt University, Belgium)</i>
10:00-10:20	Coffee break
10:20-12:20	Session 1: E-Learning Systems Session chair: <i>Ştefan Trăuşan-Matu ("Politehnica" University of Bucharest)</i>
10:20-10:40	The Interactive Visual Modeling of Algorithms Through Metaphorical Forms <i>Liviu Daniel Safta, Dorian Gorgan</i>
10:40-11:00	Exploring Gender Differences in the Acceptance of E-Learning Technology <i>Alexandru Balog</i>
11:00-11:20	User Interaction Techniques for Tracing 3D Graphical Annotations Placed on 3D Polygonal Surfaces <i>Teodor Ştefănuţ</i>
11:20-11:40	How Does the Augmented Reality Help the Understanding of Chemistry: A Model Based on Causal Indicators <i>Dragoş Daniel Iordache, Costin Pribeanu</i>
11:40-12:00	Perspectives in Using the Concentric Projection Model in Digital Manuals Design <i>Loredana Manasia, Loredana Zaharescu</i>
12:00-12:20	A Survey of the Usability Level of the UBB Admission Websites <i>Adriana-Mihaela Guran, Grigoreta-Sofia Cojocar</i>

12:20-14:00	Lunch break
14:00-16:00	Session 2: Social Communication Aspects Session chair: <i>Dorian Gorgan (Technical University of Cluj-Napoca)</i>
14:00-14:20	ReaderBench, an Integrated Platform for Textual Complexity Analysis and Reading Strategies <i>Mihai Dascălu, Ștefan Trăușan-Matu, Philippe Dessus, Maryse Bianco, Aurélie Nardy</i>
14:20-14:40	The Impact of Social Networking and E-mail on Human Behavior <i>Andrew Laghos, Athina Skordi, Sophia Masoura</i>
14:40-15:00	Opinions Evolution in Forums Using a Semantic Summation Approach <i>Dumitru Clementin Cercel, Ștefan Trăușan-Matu</i>
15:00-15:20	ReaderBench – Analysis Based on Cohesion of the Implication and Collaboration of Participants in CSCL Conversations <i>Mihai Dascălu, Ștefan Trăușan-Matu, Philippe Dessus</i>
15:20-15:40	Text Analysis Using Time Series <i>Iulia Badea, Ștefan Trăușan-Matu</i>
15:40-16:00	Practical Experience in Developing a CAD Tool for 3D Solid Objects Deformation in Medicine and Architectural Domains <i>Elena Ovreiu, Alina Sultană, Juan Gabriel Riveros Reyes, Leonardo Floréz-Valencia</i>
16:00-16:20	Coffee break
16:20-18:00	Session 3: Accessibility and Usability, Multimodal Interface Session chair: <i>Cristian Rusu (Pontificia Universidad Católica de Valparaíso)</i>
16:20-16:40	Graphical User Interface Optimization for Spatial Data Processing Applications <i>Vasile Dănuț Mihon, Vlad Colceriu, Victor Băcu, Teodor Ștefănuț, Dorian Gorgan</i>
16:40-17:00	Examples of Using Graphical Interfaces for Off-Line Drawing and Measurement of Physical Quantities Recorded During Short Time Processes and Phenomena in Testing Laboratories <i>Marinel Popescu, Ovidiu Mihaita</i>
17:00-17:20	Virtual Reality in Medicine - Achievements, Challenges and Trends <i>Oana Bălan, Alin Moldoveanu, Florica Moldoveanu, Anca Morar</i>
17:20-17:40	Interaction Prototype in Augmented Reality Environments Based on Single Stroke Marker Recognizer <i>Bradi Rareș</i>
17:40-18:00	Human-Computer Interfaces Based on Augmented/Virtual Reality and Image Processing in Minimally Invasive Surgery <i>Anca Morar, Alin Moldoveanu, Florica Moldoveanu, Victor Asavei, Lucian Petrescu, Oana Bălan, Ionuț Negoii, Sorin Hostiuc</i>
19:30-22:00	RoCHI 2013 Gala Dinner

TUESDAY, SEPTEMBER 3 rd , 2013	
09:00-11:00	Session 4: Aplicații, interfețe web și interfețe multimodale Session chair: <i>Costin Pribeanu (National Institute for Research & Development in Informatics)</i>
09:00-09:20	User Interaction with 3D Particle-Based Models <i>Denisa Copândeian, Adrian Sabou, Dorian Gorgan</i>
09:20-09:40	The Interaction with Mobile Devices Based on Head Movement Detection <i>Șerban Chiricescu, Alexandru-Corneliu Olteanu, Nicolae Țăpuș</i>

09:40-10:00	Framework for the Development of Strategy Games <i>Constantin Ioan Nandra, Dorian Gorgan</i>
10:00-10:20	Unitary Implementation of Interaction Techniques in Computer Games <i>Timotei Dolean, Dorian Gorgan</i>
10:20-10:40	Software System for the Automatic and Computer Aided Diagnosis of the Tumoral Affections, Based on Ultrasound Image <i>Delia Mitrea, Sergiu Nedevschi</i>
10:40-11:00	3D Smith Chart Application <i>Alin Moldoveanu, Andrei A. Muller, Victor Asavei</i>
11:00-11:20	Coffee break
11:20-12:50	Session 5: HCI research activities at Tallinn University Session chair: <i>Katri Tammsaar (Tallinn University, Estonia)</i>
11:20-11:35	Research and Studies in the Domain of Human-Computer Interaction at Tallinn University Institute of Informatics <i>Katri Tammsaar, David Lamas</i>
11:35-11:50	Towards a Situated Model of Sustainable Software Appropriation <i>Arman Arakelyan, David Lamas</i>
11:50-12:05	Re-Conceptualizing the E-Textbook for Ubiquitous Interactions <i>Ilya Shmorgun, David Lamas</i>
12:05-12:20	Developing mTLU: A Smartphone Application for Tallinn University <i>Ilya Shmorgun, Cosmin Stirbu, Adrian Kaleta</i>
12:20-12:35	Visual Aesthetics of Interaction Design <i>Mati Mõttus, David Lamas</i>
12:35-12:50	Touch the Exchange: Bridging the Physical and the Digital Environments <i>Alexandra Negoescu, Ilya Shmorgun</i>
12:50-14:30	Lunch break
14:30-16:00	Session 6: Flexible Communication Human Agents – Software Agents Session chair: <i>Adrian Groza (Technical University of Cluj-Napoca)</i>
14:30-14:45	Semantic System for Electronic Contracts Monitoring <i>Gabriela Vişinari, Adrian Groza</i>
14:45-15:00	Using Natural Language for Interrogating LinkedData Collections <i>Anca Mărginean, Oana Marc</i>
15:00-15:15	Detecting Tourists Preferences for Recommending Personalized Visiting Hours <i>Radu Răzvan Slăvescu, Adrian Coapşi</i>
15:15-15:30	Monitoring the Process of Microfiber Production <i>Sergiu Zaporozhan, Igor Calmîcov, Constantin Plotnic, Viorel Cărbune</i>
15:30-15:45	Semi-Definite Relaxation for the Problem of Assembly Lines Equilibration <i>Vasile Moraru, Sergiu Zaporozhan</i>
15:45-16:00	Multi-Agent System for Traffic Routing <i>Adrian Popescu, Anca Mărginean</i>
16:00-16:20	Coffee break
16:20-16:30	RoCHI 2013 Closing Session Session chair: <i>Cristian Rusu (Pontificia Universidad Católica de Valparaíso)</i>