

RoCHI 2018 Conference Programme

Cluj-Napoca, Romania, 3-4 September 2018

Technical University of Cluj-Napoca

Monday, 3 September 2018

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| 8:00 – 9:00 | Registration |
| 9:00 – 9:20 | Opening session RoCHI 2018 Session Chair: <i>Adrian Sabou, Technical University of Cluj-Napoca</i> |
| 9:20 – 10:20 Invited talk | <i>Cristian Rusu, Pontificia Universidad Católica de Valparaíso, Chile</i> Experiences and eXperiences: a Subjective Perspective Session Chair: <i>Adrian Sabou, Technical University of Cluj-Napoca</i> |
| 10:20 – 10:40 | Coffee break |
| 10:40 – 12:20 Paper session 1 | Virtual and Augmented Reality Session Chair: <i>Philippe Palanque, Universite Toulouse III - Paul Sabatier</i> <ul style="list-style-type: none">• Effects of gender differences in the perceived learning quality of an AR-based learning scenario <i>Costin Pribeanu (ICI Bucharest)</i>• Filter Application on Facial Features in a Smartphone App <i>Sofia Morar, Elena Pelican, Dorin-Mircea Popovici (Ovidius University of Constanța)</i>• Towards a VR-based Cognitive Assessment and Rehabilitation Tool for Cognitively Impaired Elderly People <i>Ștefan Cojocaru, Dorin-Mircea Popovici (Ovidius University of Constanța)</i>• FoodAR - An Augmented Reality Application used in Gastronomy <i>Mirela Chițaniuc, Bianca Miron, Adrian Iftene (Alexandru Ioan Cuza University of Iași)</i>• A Systematic Review of the Methods and Experiments Aimed to Reduce Front-Back Confusions in the Free-Field and Virtual Auditory Environments <i>Oana Bălan, Alin Moldoveanu, Florica Moldoveanu (University Politehnica of Bucharest)</i> |
| 12:20 – 13:40 | Lunch break |
| 13:40 – 15:00 Paper session 2 | Usability Evaluation Session Chair: <i>Costin Pribeanu, ICI Bucharest</i> <ul style="list-style-type: none">• Assessing the usability of web-based applications for diabetes care <i>Maria Gheorghe-Moisii, Marilena Ianculescu, Costin Pribeanu (ICI Bucharest)</i>• Using expert evaluation to assess the usability of the CNAS-SIUI Portal <i>Irina Cristescu, Dragoș-Daniel Iordache, Marilena Ianculescu (ICI Bucharest)</i>• Usability evaluation of Tesys e-Learning platform <i>Paul Ștefan Popescu, Cristian Mihăescu (University of Craiova), Dragoș-Daniel Iordache, Costin Pribeanu (ICI Bucharest)</i>• Mobile usability evaluation: the case of the Art Encounters 2017 application <i>Silviu Vert, Diana Andone (Politehnica University of Timișoara)</i> |
| 15:00 – 15:20 | Coffee break |
| 15:20 – 16:40 Paper session 3 | Natural Language Interfaces Session Chair: <i>Ștefan Trăușan-Matu, University Politehnica of Bucharest</i> <ul style="list-style-type: none">• Tools and resources for Romanian text-to-speech and speech-to-text applications <i>Tiberiu Boroș, Ștefan Daniel Dumitrescu, Vasile Pais (RACAI Bucharest)</i>• Speech & Speaker recognition for Romanian Language <i>Vezeteu Eugeniu, Sburlan Dragoș, Pelican Elena (Ovidius University of Constanța)</i>• ReaderBench Talk: Online Conversations Empowered by Advanced NLP Techniques <i>Andrei Mardale, Gabriel Gutu-Robu, Mihai Dascalu, Ștefan Trăușan-Matu (University Politehnica of Bucharest)</i>• Byzantine Music Composition Using Markov Models <i>Teodor Lucian Anton, Ștefan Trăușan-Matu (University Politehnica of Bucharest)</i> |
| 19:30 – 23:00 | RoCHI 2018 Dinner |

Tuesday, 4 September 2018

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| <p>9:00 – 10:40 Paper session 4</p> | <p>Interaction Techniques Session Chair: <i>Teodor Ștefănuț, Technical University of Cluj-Napoca</i></p> <ul style="list-style-type: none"> • Workflow Editor for Definition and Execution of Parallelized Earth Data Processing Algorithms <i>Constantin Ioan Nandra, Dorian Gorgan (Technical University of Cluj-Napoca)</i> • Smart Watch-based Gesture Recognition to Control a Music Player <i>Ioana-Crinela Potinteu, Teodor Ștefănuț (Technical University of Cluj-Napoca)</i> • Perceived Usability, Desirability, and Workload of Mid-Air Gesture Control for Smart TVs <i>Irina Popovici, Radu-Daniel Vatavu (University Ștefan cel Mare of Suceava)</i> • Toward Smart Rings as Assistive Devices for People with Motor Impairments: A Position Paper <i>Bogdan-Florin Gheran, Ovidiu-Ciprian Ungurean, Radu-Daniel Vatavu (University Ștefan cel Mare of Suceava)</i> • Augmenting Selection by Intention for In-Vehicle Control and Command <i>Cătălin Diaconescu, Dragoș Florin Sburlan, Dorin-Mircea Popovici (Ovidius University of Constanța)</i> |
| <p>10:40 – 11:00</p> | <p>Coffee break</p> |
| <p>11:00 – 12:40 Paper session 5</p> | <p>Methodologies and User Experience Session Chair: <i>Adrian Iftene, Alexandru Ioan Cuza University of Iași</i></p> <ul style="list-style-type: none"> • Game Development Methodology Mapped on the EvoGlimpse Video Game Experiment <i>Bianca-Cerasela-Zelia Blaga, Dorian Gorgan (Technical University Cluj-Napoca)</i> • Exploring Solutions for the Development Methodology of the Video Game DABABAT <i>Rami Al Doori, Bianca-Cerasela-Zelia Blaga, Dorian Gorgan (Technical University Cluj-Napoca)</i> • Experiments on Computer Game Development Methodology <i>Andrei Gabriel Morar, Dorian Gorgan (Technical University Cluj-Napoca)</i> • Impact of Game AI Systems on Player Experience <i>Daniel Ciugurean, Bogdan Maxim, Dorian Gorgan (Technical University Cluj-Napoca)</i> • Enhancing player experience using procedural level generation <i>Bogdan Maxim, Daniel Ciugurean, Dorian Gorgan (Technical University Cluj-Napoca)</i> |
| <p>12:40 – 14:00</p> | <p>Lunch break</p> |
| <p>14:00 – 15:40 Paper session 6</p> | <p>Education, Evaluation and Techniques Session Chair: <i>Dorian Gorgan, Technical University of Cluj-Napoca</i></p> <ul style="list-style-type: none"> • Initiative to Support Basic Digital Skills Development of Romanian Preschool Children <i>Adriana-Mihaela Guran, Grigoreta Sofia Cojocar (Babeș-Bolyai University), Anamaria Moldovan ("Albinuța" Kindergarten)</i> • Measuring the educational support provided by the discussion groups: A multidimensional model <i>Gabriel Gorghiu (Valahia University of Târgoviște), Irina Cristescu, Dragoș Daniel Iordache, Costin Pribeanu (ICI Bucharest)</i> • Heuristic Evaluation of the EvoGlimpse Video Game <i>Bianca-Cerasela-Zelia Blaga, Selma Evelyn Cătălina Goga, Al-Doori Rami Watheq Yaseen, Dorian Gorgan (Technical University Cluj-Napoca)</i> • Analysis on Usability Evaluation for MagicHerbs Game <i>Selma Evelyn Cătălina Goga, Bianca-Cerasela-Zelia Blaga, Flavia Andrada Pop and Dorian Gorgan (Technical University Cluj-Napoca)</i> • Real-Time User Interaction with Socio-Physical Systems <i>Corina Bianca Alb, Dorian Gorgan (Technical University Cluj-Napoca)</i> |
| <p>15:40 – 16:00</p> | <p>Coffee break</p> |
| <p>16:00 – 16:30</p> | <p>Closing Session RoCHI 2018 Session Chair: <i>Philippe Palanque, Universite Toulouse III - Paul Sabatier</i></p> <p>Best paper award Best presentation award</p> |