

RoCHI 2023 Conference Program

Cluj-Napoca, Romania, 21-22 September 2023

Thursday, 21 September 2023

8:00 – 9:00	Registration
9:00 – 9:20	Opening session RoCHI 2023 Session Chair: Teodor Ștefănuț, <i>Technical University of Cluj-Napoca</i>
9:20 – 10:20 Paper session 1	Natural Language Processing Session Chair: Costin Pribeanu, <i>Academy of Romanian Scientists</i> <ul style="list-style-type: none">• Machine Learning System for Natural Language to SQL Translation <i>Rareș Mihai Dinu, Marian Cristian Mihăescu and Traian Eugen Rebedea</i>• Analysis of medical conversations for the detection of depression <i>Ioana-Raluca Zaman, Ștefan Trăușan-Matu and Traian Rebedea</i>• Movie recommender system app based on natural language processing <i>Diana Iulia Bleoancă, Costel Ionașcu and Marian Cristian Mihăescu</i>
10:20 – 10:40	Coffee break
10:40 – 11:40 Invited talk	Requirement analysis and evaluation of interactive systems: approaches involving people with disabilities Christophe Kolski, LAMIH-UMR CNRS 8201, Univ. Polytechnique Hauts-de-France, Valenciennes, France Session Chair: Marian Cristian Mihaescu, <i>University of Craiova</i>
11:40 – 12:40 Paper session 2	Wearables for more Engaging Activities Session Chair: Teodor Ștefănuț, <i>Technical University of Cluj-Napoca</i> <ul style="list-style-type: none">• Wise – Adaptive fitness instructor based on smartwatch sensor readings <i>Vlad Cătălin Boancă and Adrian Sabou</i>• Smart Watch-based Stress Recognition to Control Difficulty Levels in Games <i>Raul-Alexandru Gorgan and Adrian Sabou</i>• Hand Gestures Recognition Using a WearOS Smart Watch and Deep Learning <i>Mihai Fleșer and Teodor Ștefănuț</i>
12:40 – 14:00	Lunch break
14:00 – 15:20 Paper session 3	Artificial Intelligence in HCI Session Chair: Dorian Gorgan, <i>Technical University of Cluj-Napoca</i> <ul style="list-style-type: none">• Semi-Supervised Learning for Prompt Classification in ChatGPT <i>Alexandru-Gabriel Ilie and Traian Rebedea</i>• Minimalist approaches to enforce privacy by design in surveys <i>Enka Blanchard and L. Gabasova</i>• Biometric System Based on Neural Network for Efficient Management of Academic Attendance <i>Alexandru Borta and Adrian Iftene</i>• The Power of Fear: Exploring the Neural Responses to Horror Scenes in Different Audiovisual Modes <i>Xiangning Liang, Aleksandra Landowska, Richard Ramchurn, Callum Berger, Max L. Wilson and Horia A. Maior</i>
15:20 – 15:40	Coffee break

15:40 – 16:40 Paper session 4	<p>Evaluating User Experience Session Chairs: Christof van Nimwegen, <i>Utrecht University, The Netherlands</i></p> <ul style="list-style-type: none"> • Exploring the accessibility of four university websites <i>Marian Pădure and Costin Pribeanu</i> • A Pilot Usability Assessment of a Novel AI Platform for Car Price Estimates <i>Denis Iorga, Andreea Dutulescu, Andy Catruna, Vladimir Ghita, Laurentiu-Marian Neagu, Mihai Dascalu and Gheorghe Militaru</i> • A quantitative aesthetic analysis of artificial intelligence generated music <i>Ivan Robert-Constantin and Ștefan Trăușan-Matu</i>
18:30 – 22:00	RoCHI 2023 Dinner

Friday, 22 September 2023

9:00 – 10:20 Paper session 5	<p>Immersive Environments (AR & VR) Session Chair: Ștefan Trăușan-Matu, <i>University Politehnica of Bucharest, Romania</i></p> <ul style="list-style-type: none"> • Chemistry Laboratory in Virtual Reality for Immersive Learning Experiences <i>Diana-Cristina Enoiu and Adrian Sabou</i> • FilmSpottAR - An Augmented Reality Application for Enhancing the Cinema Experience <i>Dragoș-Ion Neag and Adrian Sabou</i> • Procedural Generation of landmasses and terrain <i>Adrian Pop, Constantin Nandra, Cristinel Mihai Mocan and Dorian Gorgan</i> • Treating Acrophobia with Virtual Reality <i>Ștefan-Vladimir Sbârcea and Adrian Iftene</i>
10:20 – 10:40	Coffee break
10:40 – 11:40 Invited talk	<p>Evil design in the Dark Patterns tunnel: where we came from and where we are (heading) now</p> <p>Christof van Nimwegen, Ph.D., Department of Information & Computing Sciences, Utrecht University</p> <p>Session Chair: Ion Juvina, <i>Wright State University, USA</i></p>
11:40 – 13:00 Paper session 6	<p>Towards Better Educational Tools Session Chair: Christophe Kolski, <i>Univ. Polytechnique Hauts-de-France, France</i></p> <ul style="list-style-type: none"> • A multidimensional model of academic self-efficacy <i>Costin Pribeanu, Gabriel Gorghiu and Elena-Ancuța Santi</i> • An Inter-Agreement Study of Automatic Emotion Recognition Techniques from Different Inputs <i>Vlad-George Prundus, Grigoreta-Sofia Cojocar and Adriana-Mihaela Guran</i> • Working with Legacy Code for Upgrading Tesys e-Learning Platform <i>Gabriela-Cristiana Costache, Paul-Ștefan Popescu, Marian Cristian Mihăescu and Costel Ionașcu</i> • Studying Peer Effects in Divergent Thinking: Theory and Method <i>Chi Hang Wong, Ion Juvina and Paul Stefan Popescu</i>
13:00 – 14:30	Lunch break
14:30 – 15:00	<p>Closing session RoCHI 2023 Session Chair: Ion Juvina, <i>Wright State University, USA</i></p> <p>Best paper award</p> <p>Closing remarks</p>

