

Interactive Systems & Information Society Technologies (InterSys) 2023

Preliminary program

19 июня 2023 г. (Понедельник) / 19 June 2023 (Monday)

Session 1 [ENG]

Workshop Co-Chairs:

Elakkia R, PhD, Professor (Assistant), Birla Institute of Technology & Science (BITS Pilani, Dubai Campus).

9:00 UAE time (GST) / 8:00 St Petersburg time zone (MSK) / 2:00 Brazilian time (BRT)

Opening

Keynote

Assurance for Increasingly Autonomous Systems

Dr. Siddhartha Bhattacharyya, Associate Professor, Computer Engineering and Sciences, Florida Institute of Technology

10:30 GST / 9:30 MSK / 3:30 BRT

Presentations (papers and abstracts)

GraphCluster: A Hybrid Graph-Clustering Approach to Keyphrase Extraction

Rushikesh Karwa, Siddhesh Mehta, Rahul Chavan, Amit Joshi, Suraj Sawant

Smart Video Number Plate Character Recognition using Hybrid Optimization-based YoloV3

Manoj K. Bhosale, Dr. Shubhangi B. Patil, Dr. Babasaheb B. Patil, Dnyaneshwar S. Mantri

Vehicular CO2 Emission Prediction using LSTM Network

Shreejeet Sahay, Pranav Pawar and Yogita Wagh

ResNet and ResNeSt-Based Deep Learning Models for Accurate COVID-19 Detection from Chest X-rays Radiographs

Indumathi C P, Santhoshsivan V, Selvakumar R

Bi-Stage Attendance Automation System with Face and Voice Detection using Viola Jones Recognition Algorithm

Devi Priya R, Kirupa P, Rajasekaran T, Manoj Kumar S

27 июня 2023 г. (Вторник) / 27 June 2023 (Tuesday)

Session 2 [ENG]

Workshop Co-Chairs:

Maxim BAKAEV, PhD, Professor (Associate), Novosibirsk State Technical University, Russia

Roberto PEREIRA, PhD, Professor, Federal University of Paraná (UFPR), Curitiba, Brazil

15:30 GST / 14:30 MSK / 8:30 BRT

Opening and presenting Session 1 (Elakkiya R)

15:40 GST / 14:40 MSK / 8:40 BRT

Keynote

Managing UX Debt

Gustavo Rossi, Professor of Computer Science, LIFIA, F. Informatica, Universidad Nacional de La Plata and CONICET, Argentina

16:30 GST / 15:30 MSK / 9:30 BRT

Presentations (papers and abstracts)

'UnnCyberpsy': A Web-Application for Psychophysiological Research of Subjective Sleepiness Dynamics

Valeriia Demareva, Valeriia Viakhireva

Applying Norm Analysis Method on Value-Oriented Requirements for a Solution Against Violence

Deógenes Silva Junior, Júlia Ortiz, Roberto Pereira, M. Cecilia C. Baranauskas

Democracy Concept in Adult Informatics Education (abstract)

Júlia Dos Santos Bathke Ortiz, Roberto Pereira

Ethnographic analysis of a gamified course

Gustavo Yuji Sato, Roberto Pereira, Isabela Gasparini

Book Distribution Process in the Brazilian Book and Didact Material Program: A Sociotechnical Analysis for the Problem Understanding (abstract)

Patricia Castellano, Krissia Menezes, Roberto Pereira

A prototype catalog of adaptation resources to support game designers in developing accessible digital games

Caio Carvalho, Luciano Teran, Marcelle Mota, Roberto Pereira

A Toolkit for Ensuring Accessibility of Operating Systems: The Cyrillic Readers Case

Radka Nacheva

Evaluating Usability and User Experience in Touchable Holographic Solutions (abstract)

Thiago Campos, Eduardo Damasceno, Natasha Valentim

Game-Theoretic Methods for Analyzing the Security and Stability of Corporate Information Systems

Pavel Konyukhovskiy and Andrey Shabalin

Notes

Full papers: 15 min talk + 5 min questions

Abstracts: 5 min talk + 5 min questions