

**The 2019 International Conference on Computational Intelligence, Information Technology
and Systems Research, June 13-15, 2019**

Wednesday, June 12, 2019

16:00 - 20:00 Accommodation

Thursday, June 13, 2019

8:15 - 8:45 Registration

8:45 - 9:00 Opening Ceremony

9:00 - 9:45 Francesco Marcelloni
*Characterizing Twitter Users in Stance Detection Systems: the Case of the Vaccination
Topic in Italy*

9:45 - 10:30 Dacheng Tao
AI at Dawn – Opportunities and Challenges

10:30 - 11:00 Coffee break

11:00 - 11:30 Janusz Kacprzyk and Sławomir Zadrozny
*Database Queries with Fuzzy Linguistic Quantifiers: Dealing with Data Quality Using
the OWA (Ordered Weighted Averaging) Operators*

11:30 - 12:00 Piotr Kulczycki
*Procedures for Outliers Detection, Clustering, and Classification Based on Nonparametric
Methodology*

12:00 - 12:30 Jan W. Owsinski, Jarosław Stańczak, Karol Opara, Sławomir Zadrozny, and Janusz Kacprzyk
*Contributing to Spatial Planning and Policy Debates Through the Reverse Clustering
Approach*

12:30 - 13:30 Lunch

13:30 - 15:00 Leaving the Lublin University of Technology

15:00 - 18:00 Visiting the Zamoyski Museum in Kozłówka

18:00 - 20:00 Dinner

Friday, June 14, 2019

8:15 - 8:40 Stanisław M. Grzegórski
*On the Convergence of the Method of Alternating Projections for Multivariate Symmetric
Eigenvalue Problem*

8:40 - 9:05 Paweł Karczmarek, Witold Pedrycz, and Adam Kiersztyn
A Study of Graphical Approaches to Fuzzy Analytic Hierarchy Process

9:05 - 9:30 Adam Kiersztyn, Paweł Karczmarek, Witold Pedrycz, and Ebru Al
*The Concept of a Supply Chain Management System Using Intermodal Transport.
A Case Study*

- 9:30 - 9.55 Jarosław Protasiewicz and Daniel Jankowski
A Neuro-Fuzzy Framework for Spam Filtering: A Basic Concept and Preliminary Experiments
- 9:55 - 10:20 Stanisław Skulimowski, Jerzy Montusiewicz, Marcin Badurowicz, and Marcin Barszcz
Virtual Reality for Cross-Cultural Education – A Case Study
- 10:20 - 10:50 Coffee break
- 10:50 - 11:15 Małgorzata Plechawska-Wójcik, Mikhail Tokovarov, Mateusz Mitaszka, and Przemysław Pudło
Analysis of Human Brain Responses to Visual and Audio Stimuli Based on EEG Evoked Potentials
- 11:15 - 11:40 Jerzy Montusiewicz, Marcin Barszcz, and Krzysztof Dziejczak
Digital Reproduction of the 3D Geometry of a Pitcher from Afrasiab
- 11:40 - 12:05 Grzegorz Kozieł, Andrzej Prystupa, and Ewa Kurys-Denis
Chest X-ray Watermarking Based on Automatic ROI Detection
- 12:05 - 12:30 Ryszard Knapieński and Róża Czabak-Garbacz
Technology and Iconography of the Romanesque Door of Płock
- 12:30 - 13.30 Lunch
- 13.30 - 15.00 Visiting Lublin Old Town
- 16:00 - 20:00 Leaving the Lublin University of Technology
Dinner

Saturday, June 15, 2019

- 8:30 - 8.55 Edyta Łukasik, Maria Skublewska-Paszowska, and Małgorzata Charytanowicz
Nonparametric Density Estimation for Human Motion Tracking
- 8:55 - 9.20 Maria Skublewska-Paszowska, Paweł Powroźnik, Jakub Smółka, Edyta Łukasik, Marek Miłoś, Jolanta Taczała, Agnieszka Zdzenicka-Chyła, and Anna Kosiecz
Adjusting the Type of Neural Networks to Evaluate Children's Gait
- 9:20 - 9.45 Szymon Łukasik, Dominika Sarkowicz, and Piotr Andrzej Kowalski
Multi-Objective Optimization with the Whale Optimization Algorithm
- 9:45 - 10.10 Grzegorz Gołaszewski, Piotr Kulczycki, Tomasz Szumlak, and Szymon Łukasik
An Algorithm to Reconstruct Long Lived Particles in LHCb CERN Experiment
- 10:10 - 10:35 Dariusz Czerwiński, Małgorzata Charytanowicz, and Tomasz Zientarski
Soil Structure Analysis Using 3D Reconstructed Model from CT Images
- 10:35 - 11:00 Coffee break
- 11:00 - 11:25 Tomasz Rybotycki
Search Space Reduction on Metaheuristics Performance
- 11:25 - 12:00 Marek Miłoś and Elżbieta Miłoś
Determination of Ceramic Tile Colors Surface Areas on the Medieval Sher-Dor Madrasah Mosaic in Samarkand – Problems and Solutions
- 12:00 - 12:30 Discussion and Closing

Session's place: Lublin University of Technology, Centre for Innovation and Advanced Technologies, Room 302, Nadbystrzycka 36C.