

**17th International Conference
Artificial Intelligence and Soft Computing**

Preliminary Program

Zakopane, Poland, June 3-7, 2018

Program at a glance

International Conference Artificial Intelligence and Soft Computing
Zakopane, Poland, June 3-7, 2018

Program at a glance

Sunday, June 3	Monday, June 4	Tuesday, June 5	Wednesday, June 6	Thursday, June 7
	07:30-8:30 Breakfast, Room: Zakopane	07:30-8:30 Breakfast, Room: Zakopane	07:30-8:30 Breakfast, Room: Zakopane	07:30-8:30 Breakfast, Room: Zakopane
	8:30 - 8:45 Opening Ceremony 8:45 - 9:15 Invited Talks, Chair: L. Rutkowski Jacek Zurada	8:30 - 9:15 Invited Talks Andrzej Cichocki	Session 8 8:40-9:50 Bioinformatics, Biometrics and Medical App.	
	9:15 - 10:00 Plamen Angelov	9:15 - 10:00 Andrzej Skowron	Session 9 10:00-11:10 Computer Vision, Image and Speech Analysis	
	10:00 - 10:20 Break Session 1 10:20 - 11:30 Neural Networks and Their Applications 1	10:00 - 10:20 Break Session 4 10:20 - 11:30 Evolutionary Algorithms and their Applications 1	Session 10 11:20-12:30 Data Mining	
	11:30 - 11:40 Break Session 2 11:40 - 12:50 Neural Networks and Their Applications 2	11:30 - 10:40 Break Session 5 11:40 - 12:50 Evolutionary Algorithms and their Applications 2		
	13:00 - 14:30 Lunch, Room: Zakopane	13:00 - 14:30 Lunch, Room: Zakopane	13:00 - 14:30 Lunch, Room: Zakopane	
	Invited Talks 14:45 - 15:30 C. L. Philip Chen	Invited Talk 14:45 - 15:30 Włodzisław Duch	Session 11 (Oral) 14:40-16:00 Various Problems of Artificial Intelligence	
	15:30 - 16:15 Ngoc-Thanh Nguyen	Session 6 15:40-16:50 Artificial Intelligence in Modeling, Simul. and Contr.		
	Session 3 16:30-17:40 Pattern Classification	Session 7 17:00-18:10 Various Problems of Artificial Intelligence		
18:00 Welcome party, Room: Zakopane	18:00 Social event, Venue: Outdoor bonfire	18:30 Social event (Banquet), Room: Tatry	18:00 - 19:30 Dinner, Room: Zakopane	

Detailed Program

Sunday, June 3

18:00

Welcome party

Room: Zakopane

Monday, June 4

07:30 - 8:30

Breakfast, Room: Zakopane

8:30 - 8:45

Opening Ceremony, Room: Tatry

Invited Talks, Chair: L. Rutkowski, Room: Tatry

8:45 - 9:15

Jacek Zurada

9:15 - 10:00

Plamen Angelov

Session 1: Neural Networks and Their Applications 1 (poster session)

Date/Time: 10:20-11:30, Mon., June 4, 2018

Room: Rysy

Three-dimensional model of signal processing in the presynaptic bouton of the neuron

Andrzej Bielecki, Maciej Gierdziewicz, Piotr Kalita

The parallel modification to the Levenberg-Marquardt algorithm

Jarosław Bilski, Bartosz Kowalczyk, Konrad Grzaneł

Modelling Speaker Variability using Covariance Learning

Moses Ekpenyong, Imeh Umoren

A Neural Network model with Bidirectional Whitening

Yuki Fujimoto, Toru Ohira

Block Matching based Obstacle Avoidance for Unmanned Aerial Vehicle

Adomas Ivanovas, Armantas Ostreika, Rytis Maskeliunas, Robertas Damaševičius, Dawid Polap, Marcin Wozniak

Prototype-based kernels for Extreme Learning Machines and Radial Basis Function Networks

Norbert Jankowski

Supervised Neural Network Learning with an Environment Adapted Supervision Based on Motivation Learning Factors

Maciej Janowski, Adrian Horzyk

Autoassociative Signature Authentication based on Recurrent Neural Network

Rokui Jun

American Sign Language Fingerspelling Recognition Using Wide Residual Networks
Kacper Kania, Urszula Markowska-Kaczmar

Neural Networks Saturation Reduction
Janusz Kolbusz, Pawel Rozycki, Oleksandr Lysenko, Bogdan M. Wilamowski

Learning and convergence of the normalized radial basis functions networks
Adam Krzyżak, Marian Partyka

Porous silica-based optoelectronic elements as interconnection weights in Molecular Neural Networks
Magdalena Laskowska, Lukasz Laskowski, Jerzy Jelonekiewicz, Henryk Piech, Zbigniew Filutowicz

Session 2: Neural Networks and Their Applications 2 (poster session)

Date/Time: 11:40-12:50, Mon., June 4, 2018

Room: Rysy

Data Dependent Adaptive Prediction and Classification of Video Sequences
Amrutha Machireddy, Shayan Srinivasa Garani

Multi-step time series forecasting of the electric load using machine learning models
Shamsul Masum, Ying Liu, John Chiverton

Deep Q-Network using Reward Distribution
Yuta Nakaya, Yuko Osana

Motivated Reinforcement Learning Using Self-Developed Knowledge in Autonomous Cognitive Agent
Piotr Papież, Adrian Horzyk

Soft Patterns Reduction for RBF network performance improvement
Pawel Rozycki, Janusz Kolbusz, Oleksandr Lysenko, Bogdan M. Wilamowski

An Embedded Classifier for Mobile Robot Localization using Support Vector Machines and Gray-Level Co-occurrence Matrix
Fausto Sampaio, Elias Silva Jr, Lucas Silva, Pedro Reboucas Filho

A New Method for Learning RBF Networks by Utilizing Singular Regions
Seiya Satoh, Ryohei Nakano

Cyclic Reservoir Computing with FPGA Devices for Efficient Channel Equalization
Erik S. Skibinsky-Gitlin, Miquel L. Alomar, Christiam F. Frasser, Vincent Canals, Eugeni Isern, Miquel Roca

Discrete Cosine Transform Spectral Pooling Layers for Convolutional Neural Networks
James Smith, Bogdan Wilamowski

Extreme Value Model for Volatility Measure in Machine Learning Ensemble

Ryszard Szupiluk, Pawel Rubach

Deep Networks with RBF Layers to Prevent Adversarial Examples

Petra Vidnerová, Roman Neruda

Application of Reinforcement Learning to Stacked Autoencoder Deep Network Architecture Optimization

Roman Zajdel, Maciej Kusy

13:00 - 14:30

Lunch, Room: Zakopane

Invited Talks, Room Tatry

14:45 - 15:30

C. L. Philip Chen

15:30 - 16:15

Ngoc-Thanh Nguyen

Session 3: Pattern Classification (poster session)

Date/Time: 16:30-17:40, Mon., June 4, 2018

Room: Rysy

Integration Base Classifiers in Geometry Space by Harmonic Mean

Robert Burduk

Similarity of Mobile Users Based on Sparse Location History

Pasi Fränti, Radu Mariescu-Istodor, Karol Waga

Probabilistic Feature Selection in Machine Learning

Indrajit Ghosh

Boost Multi-class sLDA model for text classification

Maciej Jankowski

Multi-level Aggregation in Face Recognition

Adam Kiersztyn, Pawel Karczmarek, Witold Pedrycz

Direct Incorporation of L_1 -Regularization into Generalized Matrix Learning Vector Quantization

Falko Lischke, Thomas Neumann, Sven Hellbach, Thomas Villmann, Hans-Joachim Böhme

Classifiers for Matrix Normal Images: Derivation and Testing

Ewaryst Rafajłowicz

Modified Relational Mountain Clustering Method

Kristina P. Sinaga, June-Nan Hsieh, Josephine B.M. Benjamin, Miin-Shen Yang

Relative stability of random projection based image classification

Ewa Skubalska-Rafajłowicz

Cost Reduction in Mutation Testing with Bytecode-level Mutants Classification

Joanna Strug, Barbara Strug

Probabilistic Learning Vector Quantization with Cross-Entropy for Probabilistic Class Assignments in Classification Learning

Andrea Villmann, Marika Kaden, Sascha Saralajew, Thomas Villmann

Multi-class and Cluster Evaluation Measures based on Rényi and Tsallis Entropies and Mutual Information

Thomas Villmann, Tina Geweniger

Verification of results in the acquiring knowledge process based on IBL methodology

Lukasz Wąs, Piotr Milczarski, Zofia Stawska, Sławomir Wiak, Paweł Maślanka, Marek Kot

A Fuzzy Measure for Recognition of Handwritten Letter Strokes

Michał Wróbel, Katarzyna Nieszporek, Janusz Starczewski, Andrzej Cader

18:00

Social event, Venue: Outdoor bonfire

Tuesday, June 5**07:30 - 8:30**

Breakfast, Room: Zakopane

Invited Talks, Room Tatry**8:30 - 9:15**

Andrzej Cichocki

9:15 - 10:00

Andrzej Skowron

Session 4: Evolutionary Algorithms and their Applications 1 (poster session)

Date/Time: 10:20-11:30, Tue., June 5, 2018

Room: Rysy

An Optimization Algorithm Based on Multi-Dynamic Schema of Chromosomes

Radhwan Al-Jawadi, Marcin Studniarski

Eight Bio-inspired Algorithms Evaluated for Solving Optimization Problems

Carlos Eduardo M. Barbosa, Germano C. Vasconcelos

Robotic flow shop scheduling with parallel machines and no-wait constraints in an aluminium anodising plant with the CMAES algorithm

Carina Behr, Jacomine Grobler

Migration Model of Adaptive Differential Evolution Applied to Real-World Problems

Petr Bujok

Comparative Analysis Between Particle Swarm Optimization Algorithms Applied to Price-Based Demand Response

Diego Cavalca, Guilherme Spavieri, Ricardo Fernandes

Visualizing the Optimization Process for Multi-Objective Optimization Problems

Bayanda Chakuma, Marde Helbig

Comparison of Constraint Handling Approaches in Multi-objective Optimization

Rohan Chhipa, Marde Helbig

Genetic Programming for the Classification of Levels of Mammographic Density

Daniel Fajardo-Delgado, María Guadalupe Sánchez, Raquel Ochoa-Ornelas, Ismael Edrein Espinosa-Curiel, Vicente Vidal

Feature Selection using Differential Evolution for Unsupervised Image Clustering

Matheus Gutoski, Manasses Ribeiro, Nelson Aquino, Leandro Hattori, Andre Lazzaretti, Heitor Lopes

A study on solving single stage batch process scheduling problems with an evolutionary algorithm featuring bacterial mutations
Máté Hegyháti, Olivér Ósz, Miklós Hatwágner

Observation of Unbounded Novelty in Evolutionary Algorithms is Unknowable
Eric Holloway, Robert Marks

Multi-Swarm Optimization Algorithm Based on Firefly and Particle Swarm Optimization Techniques
Tomas Kadavy, Michal Pluhacek, Adam Viktorin, Roman Senkerik

New Running Technique for the Bison Algorithm
Anezka Kazikova, Michal Pluhacek, Adam Viktorin, Roman Senkerik

Session 5: Evolutionary Algorithms and their Applications 2 (poster session)

Date/Time: 11:40-12:50, Tue., June 5, 2018

Room: Rysy

Evolutionary Design and Training of Artificial Neural Networks
Lumir Kojecky, Ivan Zelinka

Obtaining Pareto Front in Instance Selection with Ensembles and Populations
Mirosław Kordos, Marcin Wydrzyński, Krystian Łapa

Negative Space-based Population Initialization Algorithm (NSPIA)
Krystian Łapa, Krzysztof Cpalka, Andrzej Przybył, Konrad Grzanek

Deriving Functions for Pareto Optimal Fronts Using Genetic Programming
Armand Maree, Marius Riekert, Marde Helbig

Identifying an Emotional State from Body Movements using Genetic-based Algorithms
Yann Maret, Daniel Oberson, Marina Gavrilova

Particle Swarm Optimization with Single Particle Repulsivity for Multi-modal Optimization
Michal Pluhacek, Roman Senkerik, Adam Viktorin, Tomas Kadavy

Hybrid Evolutionary System to Solve Optimization Problems
Krzysztof Pytel

Horizontal gene transfer as a method of increasing variability in genetic algorithms
Wojciech Rafajłowicz

Evolutionary Induction of Classification Trees on Spark
Daniel Reska, Krzysztof Jurczuk, Marek Kretowski

How Unconventional Chaotic Pseudo-random Generators Influence Population Diversity in Differential Evolution
Roman Senkerik, Adam Viktorin, Michal Pluhacek, Tomas Kadavy, Ivan Zelinka

An Adaptive Individual Inertia Weight Based on Best, Worst and Individual Particle Performances for the PSO Algorithm

Guilherme Spavieri, Diego Cavalca, Ricardo Fernandes, Guilherme Lage

A Mathematical Model and a Firefly Algorithm for an Extended Flexible Job Shop Problem with Availability Constraints

Willian Tessaro Lunardi, Luiz Henrique Cherri, Holger Voos

On the Prolonged Exploration of Distance Based Parameter Adaptation in SHADE

Adam Viktorin, Roman Senkerik, Michal Pluhacek, Tomas Kadavy

Investigating the Impact of Road Roughness on Routing Performance: an Evolutionary Algorithm Approach

Hulda Viljoen, Jacomine Grobler

13:00 - 14:30

Lunch, Room: Zakopane

Invited Talk, Room Tatry

14:45 - 15:30

Włodzisław Duch

Session 6: Artificial Intelligence in Modeling, Simulation and Control 1 (poster session)

Date/Time: 15:40-16:50, Tue., June 5, 2018

Room: Rysy

Cascading Probability Distributions in Agent-based Models: An Application to Behavioural Energy Wastage

Fatima Abdallah, Shadi Basurra, Mohamed Medhat Gaber

The Hybrid Plan Controller Construction for Trajectories in Sobolev Space

Krzysztof Jobczyk, Antoni Ligęza

Temporal Traveling Salesman Problem -- in a Logic- and Graph Theory-based Depiction

Krzysztof Jobczyk, Piotr Wiśniewski, Antoni Ligęza

Modelling the affective power of locutions in a persuasive dialogue game

Magdalena Kacprzak, Anna Sawicka, Andrzej Zbrzezny

Determination of a matrix of the dependencies between features based on the expert knowledge

Adam Kiersztyn, Pawel Karczmarek, Zhadkowska Khrystyna, Witold Pedrycz

Dynamic Trust Scoring of Railway Sensor Information

Marcin Lenart, Andrzej Bielecki, Marie-Jeanne Lesot, Teodora Petrisor, Adrien Revault d'Allonnes

Linear Parameter-varying Two Rotor Aero-dynamical System Modelling with State-space Neural Network

Marcel Luzar, Józef Korbicz

Evolutionary Quick Artificial Bee Colony for Constrained Engineering Design Problems

Otávio Noura Teixeira, Mário Tasso Ribeiro Serra Neto, Demison Rolins de Souza Alves, Marco Antonio Florenzano Mollinetti, Fabio dos Santos Ferreira, Daniel Leal Souza, Rodrigo Lisboa Pereira

Session 7: Various Problems of Artificial Intelligence (poster session)

Date/Time: 17:00-18:10, Tue., June 5, 2018

Room: Rysy

Patterns in Video Games Analysis. Application of Eye-Tracker and Electrodermal Activity (EDA) Sensor

Iwona Grabska-Gradzińska, Jan K. Argasiński

Improved Behavioral Analysis of Fuzzy Cognitive Map Models

Miklós F. Hatwagner, Gyula Vastag, Vesa A. Niskanen, László T. Kóczy

On Fuzzy Sheffer Stroke Operation

Piotr Helbin, Wanda Niemyska, Pedro Berruezo, Sebastia Massanet, Daniel Ruiz-Aguilera, Michal Baczynski

Building Knowledge Extraction from BIM/IFC Data for Analysis in Graph Databases

Ali Ismail, Barbara Strug, Grażyna Ślusarczyk

Multi-Agent Problem in a New Depiction

Krzysztof Jobczyk, Antoni Ligęza

Proposal of a smart gun system supporting police interventions

Radosław Klimek, Zuzanna Drwila, Patrycja Dzienisik

Knowledge Representation in Model Driven Approach in terms of the Zachman Framework

Krzysztof Kluza, Piotr Wiśniewski, Antoni Ligęza, Anna Suchenia, Joanna Wyrobek

Rendezvous Consensus Algorithm Applied to the Location of Possible Victims in Disaster Zones

Jose Leon, Gustavo A. Cardona, Luis G. Jaimes, Juan M. Calderon, Pablo Ospina Rodriguez

Exploiting OSC Models by Using Neural Networks with an Innovative Pruning Algorithm

Grazia Lo Sciuto, Giacomo Capizzi, Christian Napoli, Raphael Shikler, Dawid Polap, Marcin Woźniak

Critical Analysis of Conversational Agent Technology for Intelligent Customer Support and Proposition of a New Solution

Mateusz Modrzejewski, Przemysław Rokita

Random Forests for Profiling Computer Network Users

Jakub Nowak, Marcin Korytkowski, Robert Nowicki, Rafał Scherer, Agnieszka Siwocha

Leader-follower formation for UAV robot swarm based on fuzzy logic theory

Wilson Quesada, Jonathan Rodriguez, Juan C. Murillo, Gustavo A. Cardona, David Yanguas-Rojas, Luis G. Jaimes, Juan M. Calder'on

Towards Interpretability of the Movie Recommender Based on a Neuro-Fuzzy Approach
Tomasz Rutkowski, Jakub Romanowski, Piotr Woldan, Pawel Staszewski, Radoslaw Nielek

Dual-Heuristic Dynamic Programming in the three-wheeled mobile transport robot control
Marcin Szuster

Stylometry analysis of literary texts in Polish
Tomasz Walkowiak, Maciej Piasecki

Constraint-Based Identification of Complex Gateway Structures in Business Process Models
Piotr Wiśniewski, Antoni Ligęza

Developing a fuzzy knowledge base and filling it with knowledge extracted from various documents
Nadezhda Yarushkina, Vadim Moshkin, Aleksey Filippov, Gleb Guskov

18:30

Social event (Banquet), Room: Tatry

Wednesday, June 6**07:30-8:30**

Breakfast, Room: Zakopane

Session 8: Bioinformatics, Biometrics and Medical Applications (poster session)

Date/Time: 8:40-9:50, Wed., June 6, 2018

Room: Rysy

The shape language application to evaluation of the vertebra syndesmophytes development progress.

Marzena Bielecka, Rafał Obuchowicz, Mariusz Korkosz

Analytical Realization of the EM Algorithm for Emission Positron Tomography

Robert Cierniak, Piotr Dobosz, Piotr Pluta, Piotr Filutowicz

An Application of Graphic Tools and Analytic Hierarchy Process to the Description of Biometric Features

Paweł Karczmarek, Adam Kiersztyn, Witold Pedrycz

On Some Aspects of an Aggregation Mechanism in Face Recognition Problems

Paweł Karczmarek, Adam Kiersztyn, Witold Pedrycz

Nuclei detection in cytological images using Convolutional Neural Network and ellipse fitting algorithm

Marek Kowal, Michał Żejmo, Józef Korbicz

Towards the Development of Sensor Platform for Processing Physiological Data From Wearable Sensors

Krzysztof Kutt, Wojciech Binek, Piotr Misiak, Grzegorz J. Nalepa, Szymon Bobek

Severity of Cellulite Classification Based on Tissue Thermal Imaging

Jacek Mazurkiewicz, Joanna Bauer, Michał Mosion, Agnieszka Migasiewicz, Halina Podbielska

Features selection for the most accurate SVM gender classifier based on geometrical features

Piotr Milczarski, Zofia Stawska, Shane Dowdall

Parallel Cache Efficient Algorithm and Implementation of Needleman-Wunsch Global Sequence Alignment

Marek Pałkowski, Krzysztof Siedlecki, Włodzimierz Bielecki

Using fuzzy numbers for modeling series of medical measurements in a diagnosis support based on the Dempster-Shafer theory

Sebastian Porebski, Ewa Straszeka

Averaged Hidden Markov Models in Kinect-Based Rehabilitation System

Aleksandra Postawka, Przemysław Śliwiński

Genome compression: an image-based approach

Kelvin Vieira Kredens, Juliano Vieira Martins, Osmar Betazzi Dordal, Edson Emilio Scalabrin, Roberto Hiroshi Herai, Bráulio Coelho Ávila

Stability of features describing the dynamic signature biometric attribute

Marcin Zalasinski, Krzysztof Cpalka, Konrad Grzanek

Session 9: Computer Vision, Image and Speech Analysis (poster session)

Date/Time: 10:00-11:10, Wed., June 6, 2018

Room: Rysy

Moving Object Detection and Tracking Based on Three-frame Difference and Background Subtraction with Laplace Filter

Beibei Cui, Jean-Charles Creput

Robust lane Extraction using Two-Dimension Declivity

Mohamed Fakhfakh, Nizar Fakhfakh, Lotfi Chaari

Segmentation of the Proximal Femur by the Analysis of X-ray Imaging using Statistical Models of Shape and Appearance

Joel Gallegos Guillén, Laura Estacio Cerquín, Javier Delgado Obando, Eveling Castro-Gutierrez

Architecture of Database Index for Content-Based Image Retrieval Systems

Rafal Grycuk, Patryk Najgebauer, Rafal Scherer, Agnieszka Siwocha

Symmetry of Hue Distribution in the Images

Piotr Milczarski

Image Completion with Smooth Nonnegative Matrix Factorization

Tomasz Sadowski, Rafal Zdunek

A Fuzzy SOM for Understanding of Uncomplete 3D Faces

Janusz Starczewski, Katarzyna Nieszporek, Michal Wróbel, Konrad Grzanek

Feature selection for 'orange skin' type surface defect in furniture elements

Bartosz Świdorski, Michal Kruk, Grzegorz Wieczorek, Jaroslaw Kurek, Katarzyna Śmiateńska, Leszek Chmielewski, Jaroslaw Górski, Arkadiusz Orłowski

Image Retrieval by use of Linguistic Description in Databases

Krzysztof Wiaderek, Danuta Rutkowska, Elisabeth Rakus-Andersson

Session 10: Data Mining (poster session)

Date/Time: 11:20 - 12:30, Wed., June 6, 2018

Room: Rysy

Text Categorization Improvement via User Interaction

Jakub Atroszko, Julian Szymanski, David Gil, Higinio Mora

Uncertain decision tree classifier for mobile context-aware computing

Szymon Bobek, Piotr Misiak

An efficient prototype selection algorithm based on dense spatial partitions

Joel Carbonera, Mara Abel

Complexity of Rule Sets Induced by Characteristic Sets and Generalized Maximal Consistent Blocks

Patrick G Clark, Cheng Gao, Jerzy W Grzymala-Busse, Teresa Mroczek, Rafał Niemiec

On Ensemble Components Selection in Data Streams Scenario with Gradual Concept-Drift

Piotr Duda

An empirical study of strategies boosts performance of Mutual Information similarity

Ole Kristian Ekseth, Svein-Olaf Hvasshovd

Distributed Nonnegative Matrix Factorization with HALS Algorithm on Apache Spark

Krzysztof Fonał, Rafał Zdunek

Application of Perspective-based Observational Tunnels Method to Visualization of Multidimensional Fractals

Dariusz Jamróz

Estimation of probability density function, differential entropy and other relative quantities for data streams with concept drift

Maciej Jaworski, Patryk Najgebauer, Piotr Goetzen

System for building and analyzing preference models based on social networking data and SAT solvers

Radosław Klimek

On asymmetric problems of objects' comparison

Maciej Krawczak, Grażyna Szkatuła

Recommendation Algorithm Based on User Trust and Interest with Probability Matrix Factorization

Chuanmin Mi, Peng Peng, Rafał Mierzwiak

Automating Feature Extraction and Feature Selection in Big Data Security Analytics

Dimitrios Sisiaridis, Olivier Markowitch

Improvement of the Simplified Silhouette validity index

Artur Starczewski, Krzysztof Przybyszewski

Feature Extraction in Subject Classification of Text Documents in Polish

Tomasz Walkowiak, Szymon Datko, Henryk Maciejewski

Efficiency of Random Decision Forest Technique in Polish Companies' Bankruptcy Prediction

Joanna Wyrobek, Krzysztof Kluza

TUP-RS: Temporal User Profile based Recommender System

Wanling Zeng, Yang Du, Dingqian Zhang, Zhili Ye, Zhumei Dou

Feature Extraction of Surround Sound Recordings for Acoustic Scene Classification

Slawomir Zieliński

13:00 - 14:30

Lunch, Room: Zakopane

Session 11: Data Mining (oral session)

Date/Time: (Oral), Wed., June 6, 2018

Room: Rysy

On the use of Principal Component Analysis and Particle Swarm Optimization in Protein Tertiary Structure Prediction

Óscar Álvarez, Juan Fernández-Martínez, Celia Fernández-Brillet, Ana Cernea, Zulima Fernández-Muniz, Andrzej Kloczkowski

Medoid-shift for noise removal to improve clustering

Pasi Fränti, Jiawei Yang

Dimensionally distributed density estimation

Pasi Fränti, Sami Sieranoja

Random projection for k-means clustering

Sami Sieranoja, Pasi Fränti

18:00 – 19:30

Dinner, Room: Zakopane

Thursday, June 7

07:30-8:30

Breakfast, Room: Zakopane

Conference site

The ICAISC Conference is held in:

Mercure Kasprowy Hotel
ul. Szymaszkowa
34-500 Zakopane, POLAND
tel. (+48) 18 202 40 00

Useful phone numbers:

taxi in Zakopane: +48 18 196 25, Radio Taxi Giewont +48 18 196 26

Radio Taxi 919: +48 18 20 12 560

INTER Radio Taxi: +48 18 201 42 32

Zakopane tourist information: +48 18 20-122-11

Ambulance: 999, Police: 997 (or 112 from your mobile phone)

Mountain Rescue Team TOPR : 985, (+48) 601 100 300 or (+48) 18 206 34 44

Krakow tourist information: +48 12 422 60 91, +48 12 421 77 06, +48 12 433 73 10

taxi in Krakow: (+48 12) 19919, 19191, 19621, 19623, 19625