IDT-19-Timetable : Sheet1

KES-IDT-19 17-19 June 2019 Malta		
Session	**PROSE Paper No**	**Paper Title / Authors**
IDT-1: Mon: 11.00-13.00	1 idt19-012	**Supporting Creation of FAQ Dataset for E-learning Chatbot** Yasunobu Sumikawa, Masaaki Fujiyoshi, Hisashi Hatakeyama, Masahiro Nagai
Session Title: General Track	2 idt19-045	**Predicting Expected Profit in On-Going Peer-to-Peer Loans with Survival Analysis Based Profit Scoring** Ajay Byanjankar, Markus Viljanen
Chair: Ireneusz Czarnowski	3 idt19-050	**On Developing a Framework for Knowledge-based Learning Indicator System in the Context of Learning Analytic** Rami Hodrob, Ahmed Ewais, Mohammed Maree
	4 idt19-053	**Decision-making Support Using Nonmonotonic Probabilistic Reasoning** Andrzej Szałas
	5 idt19-062	**Practical Application of the SIML Estimation of Covariance, Correlation and Hedging Ratio with High-Frequency Financial Data** Hiroumi Misaki
	6 idt19-046	**Stimulation of Horizontally Polarized Transverse Waves with the Help of Electromagnetic-Acoustic Transducer** Radda A. Iureva, Irina A. Tulkova, Alexey A. Margun, Sergey M. Vlasov, Artem S. Kremlev, Sergey D. Vasilkov, Andrei V. Volkov
Session	**PROSE Paper No**	**Paper Title / Authors**
IDT-2: Mon: 11.00-13.00	1 idt19-035	**Building a Telemedicine System for Monitoring the Health Status and Supporting the Social Adaptation of Children with Autism Spectrum Disorders** Georgy Lebedev, Herman Klimenko, Eduard Fartushniy, Igor Shaderkin, Pavel Kozhin, Dariya Galitskaya
Session Title: Digital Health, Distance Learning and Decision Support for eHealth (IS15)	2 idt19-037	**Implementation of Digital Technologies in Pharmaceutical Products Lifecycle** Konstantin Koshechkin, German Klimenko, Alexander Polikarpov
Chair: Ralf Seepold and Margarita Stankova	3 idt19-073	**Home Hospital e-Health Centers for barrier-free and cross-border Telemedicine** Ralf Seepold, Maksym Gaiduk, Juan Antonio Ortega, Massimo Conti, Simone Orcioni, Natividad Martínez Madrid

		PROSE Paper No	Paper Title / Authors
	4	idt19-077	**Data Driven Human Movement Assessment** Danny Dressler, Pavlo Liapota, Welf Löwe
	5	idt19-078	**Attitudes to Telemedicine, and Willingness to Use in Young People** Margarita Stankova, Polina Mihova
	6	idt19-079	**Posture Tracking Using a Machine Learning Algorithm for a Home AAL Environment** Maksim Sandybekov, Clemens Grabow, Maksym Gaiduk, Ralf Seepold

Session		PROSE Paper No	Paper Title / Authors
IDT-3 : Mon: 15.30-17.30	1	idt19-010	**Text Classication using LDA-W2V Hybrid Algorithm** Joanna Jedrzejowicz, Magdalena Zakrzewska
Session Title: Data Selection in Machine Learning (IS16) and Intelligent Data Processing and Software Paradigms (IS02)	2	idt19-031	**Smartphone-Based Drivers Context Recognition** Md Ismail Hossen, Michael Goh, Tee Connie, Siong Hoe Lau
Chair: Ireneusz Czarnowski and Margarita Favorskaya	3	idt19-065	**Towards an Automated Assessment of Musculoskeletal Insufficiencies** Danny Dressler, Pavlo Liapota, Welf Löwe
	4	idt19-007	**Selecting Informative Samples for Animal Recognition in the Wildlife** Margarita Favorskaya, Vladimir Buryachenko
	5	idt19-019	**Genetic Algorithm for Selecting Relevant Regions in Digital Watermarking Scheme for 2D/3D Medical Images** Margarita Favorskaya, Eugenia Savchina

Session		PROSE Paper No	Paper Title / Authors
IDT-4 : Mon: 15.30-17.30	1	idt19-013	**Business AI Alignment Modeling Based on Enterprise Architecture** Hironori Takeuchi, Shuichiro Yamamoto
Session Title: Interdisciplinary Approaches in Data Science and Digital Transformation Practice (IS13)	2	idt19-034	**Eye Tracking as a Method of Neuromarketing for Attention Research – an Empirical Analysis Using the Online Appointment Booking Platform from Mercedes-Benz** Veit Etzold, Anika Braun, Tabea Wanner
Chair: Ralf-Christian Harting and Ivan Lukovic	3	idt19-052	**A Concept of an Interactive Web-Based Machine Learning Tool for Individual Machine and Production Monitoring** Marina Burdack, Manfred Rössle
	4	idt19-055	**Benefits of Agile Project Management in an Environment of Increasing Complexity – A Transaction Cost Analysis** Raphael Kaim, Ralf-Christian Härting, Christopher Reichstein
	5	idt19-057	**Potential Benefits of Digital Business Models and Its Processes in the Financial and Insurance Industry** Ralf-Christian Härting, Christopher Reichstein, Raffael Sochacki

Session		PROSE Paper No	Paper Title / Authors
IDT-5 : Tues: 11:00 - 13:00	1	idt19-042	**Apache Spark as a Tool for Parallel Population-Based Optimization** Piotr Jedrzejowicz, Izabela Wierzbowska
Session Title: Decision Techniques for Data Mining, Transportation and Project Management (IS01) and Decision Support Systems (IS11)	2	idt19-060	**A GIS for Data Mining in Seismic Microzonation Studies** Salvatore Grasso, Maria Rossella Massimino
Chair: Piotr Jędrzejowicz and Wojciech Froelich	3	idt19-064	**Gene Expression Programming Classifier with Concept Drift Detection Based on Fishers Exact Test** Joanna Jedrzejowicz, Piotr Jedrzejowicz
	4	idt19-071	**Experimental Evaluation of A-Teams Solving Resource Availability Cost Problem** Piotr Jedrzejowicz, Ewa Ratajczak-Ropel
	5	idt19-081	**Mining Incomplete Data - A Comparison of Concept and New Global Probabilistic Approximations** Patrick G. Clark, Jerzy W. Grzymala-Busse, Teresa Mroczek, Rafal Niemiec
	6	idt19-017	**Multiagent-based Decision Support Systems in Smart Microgrids** Yamisleydi Salgueiro, Marco Rivera, Gonzalo Nápoles

Session		PROSE Paper No	Paper Title / Authors
IDT-6 : Tues: 15:30 - 17:30	1	idt19-036	**Regulatory Information Management Systems, as a Means for Ensuring the Pharmaceutical Data Continuity and Risk Management** Konstantin Koshechkin, Georgiy Lebedev, Julia Tikhonova
Session Title: Large-Scale Systems for Intelligent Decision Making and Knowledge Engineering (IS07)	2	idt19-047	**DMRA-MCP: A Distributed Map Reduce Applications Deployments in a Multi-Clouds Platform Based on Cloud Broker Architecture** Hamdi Hassen, Hajlaoui Nasreddine, Khemakhem Maher
Chair: Sergey V. Zykov	3	idt19-049	**Integral Assessment of Efficiency of Scientific Research in Scientific Institutions of Russian Ministry of Health** Georgy Lebedev, Oleg Krylov, Andrey Lelyakov,Yuriy Mironov, Valeriy Tkachenko, Sergey Zykov
	4	idt19-072	**Functional Programming Patterns in JavaScript** Alexander Sobolev, Sergey Zykov

Session		PROSE Paper No	Paper Title / Authors
IDT-7 : Tues: 15:30 - 17:30	1	idt19-016	**Measures to Design Secure Cyber-Physical Things** Radda A. Iureva, Artem S. Kremlev, Alexey A. Margun, Sergey M. Vlasov, Andrei S. Timko

Session	PROSE Paper No		Paper Title / Authors
Session Title: Intelligent Decision Support in Cybersecurity (IS05)	2	idt19-083	**Intrusion Detection in Wireless Sensor Networks by an Ensemble of Artificial Neural Networks** Tarek Batiha, Michal Prauzek, Pavel Krömer
Chair: Leslie F. Sikos	3	idt19-086	**Decision Support for Network Path Estimation via Automated Reasoning** Dean Philp, Naomi Chan, Leslie F. Sikos
	4	idt19-089	**Knowledge Representation to Support Partially Automated Honeypot Analysis Based on Wireshark Packet Capture Files** Leslie F. Sikos
Session	**PROSE Paper No**		**Paper Title / Authors**
IDT-8 : Wed: 9:30 - 11:30	1	idt19-001	**Fuzzy Cognitive Modeling: Theoretical and Practical Considerations** Gonzalo Nápoles, Jose L. Salmeron, Wojciech Froelich, Rafael Falcon, Maikel Leon Espinosa, Frank Vanhoenshoven, Rafael Bello, Koen Vanhoof
Session Title: Decision Support Systems (IS11)	2	idt19-002	**Fuzzy Cognitive Maps: a Business Intelligence Discussion** Gonzalo Nápoles, Greg Van Houdt, Manal Laghmouch, Wouter Goossens, Quinten Moesen, Benoît Depaire
Chair: Wojciech Froelich	3	idt19-006	**IVIFCM-TOPSIS for Bank Credit Risk Assessment** Wojciech Froelich, Petr Hajek
	4	idt19-011	**Intelligent Diagnosis of Discrete-Event Systems with Preprocessing of Critical Scenarios** Nicola Bertoglio, Gianfranco Lamperti, Marina Zanella
	5	idt19-021	**Modelling Loss Given Default in Peer-to-Peer Lending using Random Forests** Monika Papoušková, Petr Hajek
	6	idt19-023	**Identifying Images with Ladders using Deep CNN Transfer Learning** Gaurav Pandey, Arvind Baranwal, Alexander Semenov
	7	idt19-080	**Syntax and Semantics Based Decision Making The Case of Music Information Processing** Władysław Homenda, Mariusz Rybnik
Session	**PROSE Paper No**		**Paper Title / Authors**
IDT-9 : Wed: 9:30 - 11:30	1	idt19-009	**Risk-Sensitive Decision Making under Risk Constraints with Coherent Risk Measures** Yuji Yoshida
Session Title: Decision Making Theory for Economics (IS03)	2	idt19-029	**Mutual Evaluation and Solution Method** Kazutomo Nishizawa

Chair: Takao Ohya	3	idt19-044	**Visualization of Criteria Priorities Using a Ternary Diagram** Natsumi Oyamaguchi, Hiroyuki Tajima, Isamu Okada
	4	idt19-051	**Changes in Organizations Due to Management Mechanization (Case Studies of Life Insurance Companies in Japan)** Shunei Norikumo
	5	idt19-054	**Naturality for Ranking from Pairwise Comparisons** Takafumi Mizuno
	6	idt19-059	**Upper Level Processes and Projects Model-Building** Marina Kholod, Yury Lyandau, Valery Maslennikov, Irina Kalinina, Nikolay Mrochkovskiy
	7	idt19-063	**SPCM with Harker Method for MDAHP including Hierarchical Criteria** Takao Ohya

Session		PROSE Paper No	Paper Title / Authors
IDT-10: Wed: 9:30 - 11:30	1	idt19-028	**A Transport Coding Gain Estimation in the Conditions of Time Limitation for Maximum Acceptable Message Delay** Evgenii Krouk, Anton Sergeev, Mikhail Afanasev
Session Title: Intelligent Data Processing and Software Paradigms (IS02)	2	idt19-061	**Modeling Customers Speed of Movement from POS and RFID-data** Marina Kholod, Peter Golubtsov, Arthur Varlamov, Svyatoslav Filatov, Katsutoshi Yada
Chair: Margarita Favorskaya and Mikhail Sergeev	3	idt19-067	**Discovering and Analyzing Binary Codes Based on Monocyclic Quasi-Orthogonal Matrices** Alexander Sergeev, Vadim Nenashev, Anton Vostrikov, Alexander Shepeta, Daniil Kurtyanik
	4	idt19-068	**The Study of Generators of Orthogonal Pseudo-Random Sequences** Yuriy Balonin, Leonid Abuzin, Alexander Sergeev, Vadim Nenashev
	5	idt19-069	**Portraits of Orthogonal Matrices as a Base for Discrete Textile Ornament Patterns** Alexander Sergeev, Mikhail Sergeev, Anton Vostrikov, Daniil Kurtyanik
	6	idt19-070	**Training Sample Generation Software** Anton Vostrikov, Stanislav Chernyshev

Session		PROSE Paper No	Paper Title / Authors
IDT-11: Wed: 14:00 - 16:00	1	idt19-022	**Quality Improvement Through the Preventive Detection of Potentially Defective Products in the Automotive Industry by Means of Advanced Artificial Intelligence Techniques** Marco Vannucci, Valentina Colla

Session			Paper Title / Authors
Session Title: Signal Processing and Pattern Recognition for Decision Making Systems (IS10)	2	idt19-038	**An Efficient Non-Blind Steering Vector Estimation Technique For Robust Adaptive Beamforming With Multi-Stage Error Feedback** Ghattas Akkad, Ali Mansour, Bachar ElHassan, Jalal Srar, Mohamad Najem, Frederic LeRoy
Chair: Paolo Crippa	3	idt19-043	**The P2P-Grid-Agent Distributed Platform: A Distributed and Dynamic Platform for Developing and Executing Large Scale Application based on Deep Learning Techniques** Hamdi Hassen, Trifa Zied, Khemakhem Maher
	4	idt19-075	**Recognition of Daily Human Activities Using Accelerometer and sEMG Signals** Giorgio Biagetti, Paolo Crippa, Laura Falaschetti, Simona Luzzi, Claudio Turchetti
	5	idt19-076	**Classification of Alzheimer's Disease from Structural Magnetic Resonance Imaging using Particle-Bernstein Polynomials Algorithm** Giorgio Biagetti, Paolo Crippa, Laura Falaschetti, Simona Luzzi, Riccardo Santarelli, Claudio Turchetti
Session		**PROSE Paper No**	**Paper Title / Authors**
IDT-12: Wed: 14:00 - 16:00	1	idt19-091	Managing returnable transport items in pharmaceutical supply chains with the consideration of carbon emissions Ms. Min Wang, Prof. Michael Herty, Prof. Lindu Zhao
Session Title: Big data and knowledge-based health care management (IS12)	2	idt19-092	**Predictive Optimization Framework of Metapopulation Dynamic Models with Application in Optimal Cholera Outbreak Control** Dr. Mu Du, Dr. Nan Kong, Dr. Aditya Sai
Chair: Lindu Zhao	3	idt19-093	**Local Robust Sparse Representation Based on Facial Symmetry for Face Recognition with Single Sample Per Person** Mr. Cheng Su, Dr. Yongjie Chu, Prof. Lindu Zhao
	4	idt19-095	**Payment Mechanisms Incentives for Improving Prevention and Treatment in Chronic Diseases** Mr. Shifu Pan, Professor Haiyan Wang
	5	idt19-096	**An IoT-enabled Encoding Scheme for the Quality Status of Returned Products in the Reverse Supply Chain** Associate Professor Sijie Li, Ph.d Candidate You Shang
	6	idt19-097	**Parents' Acceptance toward Peripheral Intravenous Catheter in Pediatric Outpatient Infusion Care** Associate Professor Min Zhou, Professor Kathryn S. Campy, Associate Professor Shujuan Qu, Professor Lindu Zhao