

ID	Author	Title	panel	Section
5	Matej Čief	Modeling User's Individual Differences during Reading	11-1	IIPDA
14	Martina Kolibášová	Biometric User Identification in Virtual Reality	11-2	IIPDA
24	Martina Hanáková	Fake News Reading: An Eye-tracking Study	11-3	IIPDA
6	Vladimír Kuchár	Automatic Text Comprehension Detection	11-4	IIPDA
17	Michal Melúch	Prediction of Perceived Text Difficulty	11-5	IIPDA
30	Andrej Vítek	Extracting Temporal Eye Gaze Features using Hidden Markov Modelling	11-6	IIPDA
107	Peter Bakoš	Automatic Event Detection in User Interface Video-recordings	11-7	IIPDA
12	Dominik Vasko	Neural Model for Text Generation in Slovak Language	12a-1	MLOa
47	Vajk Pomichal	Cytometry Data Analysis and Visualization of its Results	12a-2	MLOa
53	Miroslav Sumega	Prediction of Photovoltaic Power using Nature-inspired Computing	12a-3	MLOa
124	Matúš Pikuliak	Combining Multitask and Multilingual Learning with Parameter Sharing	12a-4	MLOa
127	Jozef Sitarčík	Fast DNA Read Mapping Based on Cache-efficient Variants of FM-index	12a-5	MLOa
3	Jakub Janeček	Interpretability of Machine Learning Models Created by Clustering Algorithms	12a-6	MLOa
119	Juraj Volko	Search Tree as an Approach on Solving Modified Knapsack Problem	12a-7	MLOa
122	Imrich Nagy	Processing Sequences of Transactions Using Deep Learning Models	12a-8	MLOa
49	Denis Mitana	Conversion of the Spoken Word into Text using Neural Networks	12b-1	MLOb
102	Šimon Sebechlebský	Sentiment Analysis using Artificial Neural Networks	12b-2	MLOb
97	Miroslav Laco	A Novel Approach to Visual Attention Modelling from the Egocentric Perspective of View	12b-3	MLOb
108	Martin Tamajka	Transforming Convolutional Neural Network to an Interpretable Classifier	12b-4	MLOb
81	Tomáš Anda	Evolution of Image Filters for Clustering based Image Segmentation	12b-5	MLOb
15	Daniel Novák	Automated Video Assistant Referee in Football Video	12b-6	MLOb
26	Tibor Nagy	Analysis of Medical Images through Deep Learning for Diagnosis of Dementia	12b-7	MLOb
88	Matúš Brandajský	Speaker Identification using Machine Learning Methods	12b-8	MLOb
16	Erika Repašská	Transformation of Full-text Search into Structured Search	13-1	WSE
29	Šimon Zaťko	Question Popularity Prediction in CQA Systems	13-2	WSE

ID	Author	Title	panel	Section
33	Peter Mačinec	Improving Fake News Detection with Thematically Similar News Groups	13-3	WSE
27	Peter Gašpar	Visual Recommendation in Shopping Process	13-4	WSE
37	Patrik Hlaváč	Web-navigation Skill Assessment through Eye-tracking Data	13-5	WSE
113	Igor Stupavský	Fact or Fiction?	13-6	WSE
34	Lukáš Janík	Simple Game as Smartphone Authentication Mechanism using Touch Behavioural Biometrics	13-7	WSE
67	Peter Tibenský	Context-aware Adaptive Personalized Recommendation: A Meta-hybrid	13-8	WSE
41	Waheedullah Sulaiman Khail	Reflecting Patterns Relationships in a Pattern Format	14-1	SE
125	Juraj Petrik	Source Code Stylochronometry: Time Matters?	14-2	SE
40	Gabriel Csollei	Cognitive User Characteristics for Efficient Source Code Reading	14-3	SE
73	Martin Gašpar	Support Orientation in the Source Code	14-4	SE
91	Peter Berta	Implementing Organizational Patterns in Aspect-oriented Software Development	14-5	SE
8	Michal Hucko	Increasing Unit Test Resilience by Decreasing Pointcut Fragility	14-6	SE
18	Ján Čegiň	Test Data Generation using Reinforcement Learning	14-7	SE
4	Viktor Valaštín	Blockchain based Car-sharing Platform	15-1	ISCNCS
72	Matúš Vlček	Management of Wireless Networks in IoT - Simple Arduino Smart Home	15-2	ISCNCS
86	Tomáš Belluš	Differentiating Packet Capture Mechanisms	15-3	ISCNCS
13	Jaroslav Erdelyi	Routing Improvement in Internet of Things Environment	15-4	ISCNCS
22	Jakub Pullmann	Increasing Communication Efficiency of IoT Devices by Minimizing Collisions	15-5	ISCNCS
46	Matej Uhlík	Extension of Software Defined Networking with 802.11 Standard	15-6	ISCNCS
48	Barbora Čelesová	Security in Software Defined Networks	15-7	ISCNCS
82	Ján Skalný	Implementing Ethernet Ring Protection Switching for FreeBSD	15-8	ISCNCS
83	Filip Dian	Collecting of Sensitive Data with Forensic Analysis of Android Operating System	15-9	ISCNCS
93	Daniel Mišík	Detection of Intrusions to Web System using Computational Intelligence	15-10	ISCNCS
68	Kamil Džurman	Comparison Tool for Optimization Algorithms	AD1	IA
23	Lukáš Radoský	Sentižrút: Sentiment Acquisition Game for Slovak Language	AD2	IA

ID	Author	Title	panel	Section
32	Andrej Fúsek, Nikolas Hamran, Dávid Kubík, Martin Petráš, Alexandra Smolová, Martin Staňo, Veronika Včelková, Jakub Veselý	Data Storytelling using an In-memory Columnar Database Accelerated by GPGPU	TP 11	TPCup
35	Radovan Andráš, Michaela Chlepková, Daniel Gábriš, Viktor Lančarič, Juraj Lauko, Ján Petráš, Veronika Uhnáková, Alexander Valach	Breyslet - IoT Healthcare Monitoring System	TP 12	TPCup
38	Martin Činčurak, František Ďurana, Richard Mocák, Michal Ostridický, Dávid Pavelka, Peter Pavlík, Matej Procházka	GridBox: A Cloud-based Microgrid Modeling Solution	TP 13	TPCup
60	Michal Fabiš, Katarína Rafčíková, Daniela Sitárová, Andrej Slaninka, Maroš Vašš, Andrej Zaťko, Martin Žák	Webable: Web Browser for Visually Impaired People	TP 14	TPCup
89	Filip Varga, Milan Vaško, Jana Vrabľová, Ladislav Bari, Adam Talian, Adam Ševčík	Intelligent Importer of Public Data Sets	TP 15	TPCup
106	Milan Cák, David Tran Duc, Dung Lam Tuan, Matúš Barabás, Peter Lipták, Veronika Žatková, Patrik Židuliak	MonAnt - Monitoring Online Antisocial Behaviour	TP 16	TPCup

Číslo panela: AB-C (napr.: 23-5)

A = blok (1, 2)

B = sekcia (1, 2, 3, 4, 5, 6)

C = panel (1, 2, 3, 4, 5, 6, 7, 8, 9, 10)

Sekcie:

1 = IIPDA - Intelligent Information Processing and Data Analysis

2a = MLOa - Machine Learning and Optimization / a

2b = MLOb - Machine Learning and Optimization / b

3 = WSE - Web Science and Engineering

4 = SE - Software Engineering

5 = CNCS - Computer Networks, Computer Systems and Security and Computer Systems

AD = IA - Innovation Applications

Číslo panela: TP AC (napr.: TP 15)

TP = TP Cup

A = blok (1, 2)

C = panel (1, 2, 3, 4, 5, 6, 7, 8, 9)