

CIIT 2019: Detailed Schedule

Friday, 10 May 2019

Session 1: E-Technologies, E-Commerce and E-Business	
Time: 16:00 - 17:30	Location: Hall 1
Authors	Title
Veno Pachovski and Irena Stojmenovska	Shopping of Tomorrow – Internet of Things Approach
Milos Jovanovik and Mirko Spasic	Transforming Geospatial RDF Data into GeoSPARQL-Compliant Data: A Case of Traffic Data
Sasho Gramatikov, Ivan Kitanovski, Igor Mishkovski and Milos Jovanovik	Last Mile Delivery with Autonomous Vehicles: State of the Art
Elena M. Jovanovska, Dimitar Kovachevich and Andreja Naumoski	Predictive Policing in City of Skopje using ArcGIS
Martina Toshevska, Georgina Mirceva and Mile Jovanov	Question Answering with Deep Learning: A Survey

Session 2: Artificial Intelligence, Robotics, Bioinformatics	
Time: 16:00 - 17:30	Location: Hall 2
Authors	Title
Nenad Petrović and Đorđe Kocić	Data-driven Framework for Enabling Adaptability in IoT-based Smart Grid Architecture
Nenad Petrović	Adopting Semantic-Driven Blockchain Technology to Support Newcomers in Music Industry
Aleksandra Bozhinoska and Dejan Gjorgjeviki	Human Activity Recognition Using Sensor Recordings From Passive Infrared and Microwave Radar Sensors
Aleksandar Despotovski and Sonja Gievska	Extracting Semantic Information from Text for Generating Visual 3D Scenes
Nino Arsov and Georgina Mirceva	Network Embedding: An Overview

Saturday, 11 May 2019

Session 3: Applied Mathematics & Natural Language Processing	
Time: 9:00 - 10:00	Location: Hall 1
Authors	Title
Dejan Spasov	Parallel Decoding with MAX-Log-MAP algorithm
Jana Kuzmanova and Ana Madevska-Bogdanova	Movie Review Sentiment Analysis
Filip Spasovski, Kostadin Mishev, Ana Gjorgjeviki and Dimitar Trajanov	Investor Platform for Aggregating Companies News Articles Aided by Text Sentiment Analysis
Biljana Tojtovska	Multiple Hypothesis Testing: Adjustment Methods with Application
Petar Jovanovski and Biljana Tojtovska	Synchronization of Coupled Neural Networks

Session 4: ICT in Education & E-Technologies	
Time: 9:00 - 10:00	Location: Hall 2
Authors	Title
Slavica Mileva Eftimova, Ana Madevska Bogdanova and Vladimir Trajkovik	Practical Evaluation on Serious Games in Education
Neslihan Ademi and Suzana Loshkovska	Exploratory Analysis of Student Activities and Success Based On Moodle Log Data
Dimitar Kitanovski, Aleksandar Stojmenski, Kostadin Mishev, Ivan Chorbev and Vesna Dimitrova	Implementation of Novel Faculty E-services for Workflow Automatization
Nasi Jofce, Milos Jovanovik and Dimitar Trajanov	Named Entity Discovery for the Drug Domain

Session 5: ICT Services & Hardware	
Time: 11:45 - 13:00	Location: Hall 1
Authors	Title
Dajana Stojchevska and Gjorgji Madjarov	Advantages and Disadvantages of Monolithic vs. Microservice Architecture
Igor Bimbiloski and Aleksandar Risteski	Matching Economic and Environmental Aspects of Energy Efficiency in Single ICT Model
Anita Antikj, Izabela Akjimoska and Marjan Gushev	Online Sophistication of E-Government Services in North Macedonia
Damjan Najdov, Vladimir Zdravevski and Marjan Gushev	History of the GPUs
Lodi Dodevska, Viktor Petreski, Kostadin Mishev, Ana Gjorgjevikj, Irena Vodenska and Dimitar Trajanov	Predicting Companies Stock Price Direction by Using Sentiment Analysis of News Articles
Kiril Frenkov and Nevena Ackovska	Concepts of Vertical Mobility Vehicles and Autopilot Systems

Student Session (Part 1):	
Time: 11:45 - 13:00	Location: Hall 2
Authors	Title
Bojan Evkoski, Zafir Stojanovski, Aleksandar Trajkovski and Dejan Gjorgjevikj	Air Pollution Prediction Using LSTM Neural Networks
Lidija Jovanovska, Igor Miskovski and Miroslav Mircev	The Geographic Flow Of Music On Spotify
Jane Lameski and Dejan Gjorgjevikj	Regression Models Comparison on Elo Merchant Category Recommendation Kaggle Competition Data Set
Stefan Kanan	Framework for Recommending Clothes Based On Convolutional Network Derived Stylespaces
Andrej Jovanov, Ivana Ristova and Sonja Gievska	Exploratory Study into Melanoma Skin Cancer Detection

Student Session (Part 2):	
Time: 16:15 - 17:45	Location: Hall 1
Authors	Title
Atanas Kostovski and Panche Ribarski	The DevOps Toolbox: Be up to Date with Version-Checker
Kiril Zelenkovski, Filip Karafiloski and Igor Mishkovski	Riemann Garbage Bin: A Self-sustained Waste Management System
Vojdan Kjorveziroski and Panche Ribarski	Deploying Production-Grade Kubernetes Cluster
Petar Sekuloski	A Brief Introduction to Persistent Homology
Nikola Tomikj and Andrea Kulakov	Vehicle Detection with HOG and Linear SVM
Sara Temelkovska, Adrijan Božinovski, Irena Stojmenovska and Biljana Stojcevska	Sorting Algorithms and Their Complexities: A Case Study