DAY 1 - WEDNESDAY, 29TH NOVEMBER, 2017

Time	
8:30-9:15	**Registration**
9:15-9:30	**Opening Session - Welcome by ERAdiate**
9:30-10:30	**Session 1** *(Room #11)* **Planning for Sustainable Transport and Smart Cities** **Moderator : Tatiana Kovacikova** *Car-pooling Attractiveness Modeling in Greater Cairo Organizations – A Case Study* *Hatem Abdel-Latif; Khaled Elaraby; Alsayed Alsobky;Amr Mohamed* *Impact of Public Transport Priority on Traffic in Chosen Part of the City of Martin* *Milan Veterník; Ján Palúch; Alica Kalašová* *Assessing Driving Behavior in Macau Public Transportation through Mobile Crowd Sensing: A Study of the Macau Bus Passenger Profile* *Fei Chun Ma; Sok Hán Tóng; Tak Son Cheang; João Cordeiro* *A Smart Application for University Bus Routes Optimization* *Al-Sayed Al-Sobky; Patrik Hrkút; Miroslava Mikušová*
9:30-10:30	**Session 2** *(Room #14)* **Intelligent Rail and Road Transport Systems** **Moderator : Tibor Petrov** *A Diagnostic Method for Axle Counting Systems based on the SNMP Protocol* *Waldemar Nowakowski;Piotr Bojarczak; Zbigniew Łukasik* *Intelligent Wagon: A New Approach to Monitoring the Wagon´s Technical Conditions* *Michal Balog; Lucia Knapčíková; Peter Balog* *Verification and Validation of Railway Control Systems Using an Expert System* *Waldemar Nowakowski; Piotr Bojarczak;Zbigniew Łukasik* *Understanding of Drivers Speed Decisions to Improve Traffic Management on Highways of the Future* *Michal Matowicki; Ondrej Pribyl*
10:30 - 11:00	**Coffee Break**

DAY 1 - WEDNESDAY, 29TH NOVEMBER, 2017

Time	
11:00 -12:30	**Common Session** with **SC 360 Summit** *(Plenary Room #6)* Keynote Address: **Prof. Lorna Uden (UK)** "Design intelligent transport systems for user experience" **Mr. Martin Russ (Austria)** "The Austrian Urban Mobility Labs (UML) Initiative – Experimental environments for effective research" **Prof. Michael Schreckenberg (Germany)** "Traffic research between science and application"
12:30 - 14:00	**Lunch**
14:00 - 15:00	**Special ERAdiate Session** *(Room #11)* From Travel Time and Cost Savings to Value of Mobility "Mobility and Time Value" (MoTiV)
15:00 - 15:30	**Coffee Break**
15:30 - 17:00	**Session 3** *(Room #11)* **Transport Modelling and Simulation & Big Data Application** *Moderator : Giuseppe Lugano* *Microscopic Simulation of New Traffic Organisation in the City of Lučenec* *Ján Palúch; Simona Kubíková; Alica Kalašová* *Numerical Simulation of the Hydrodynamic Ship Performance* *Adham S. Bekhit, Adrian Lungu* *Health Monitoring Strategies for Multifuctional Vessels with Modular Mission-Oriented Architecture* *Igor Kabashkin; Andrejs Zvaigzne* *Using Deep Learning to Predict Short Term Traffic Flow: A Systematic Literature Review* *Usman Ali; Tariq Mahmood* *Study of Performance of the Vehicular Ad Hoc Networks in Dense Network Scenarios* *Tibor Petrov;Viktor Ďurčeka; Milan Dado; Karl Ambrosch* *Vehicles Recognition Based on Point Cloud Representation* *Jozef Talapka; Richard Orjesek; Patrik Kamencay; Peter Sykora*

DAY 1 - WEDNESDAY, 29TH NOVEMBER, 2017

Time	
15:30 - 17:00	**Session 4** *(Room #14)* **ITS Safety and Security** **Moderator : Patrik Hrkut** *Potential of Plenoptic Cameras in the Field of Automotive Safety* *Sinan Hasirlioglu; Mahesh Karthik; Andreas Riener; Igor Doric* *Mathematical Model of Safety Score Calculation for Validation of Coach Operators in the UK* *Manoharan Ramachandran; Reza Sahandi; Simant Prakoonwit; Wajid Khan* *ITS Safety Ensuring through Situational Management Methods* *Irina Makarova; Ksenia Shubenkova; Eduard Mukhametdinov; Vadim Mavrin* *Near-miss Accidents – Classification and Automatic Detection* *Georg Thallinger; Florian Krebs; Eduard Kolla; Peter Vertal; Gust´av Kasanick´y; Helmut Neuschmied ; Karl-Ernst Ambrosch* *A Cloud Based Safety Transport Model for Validation of UK Coach Operators for School Journeys* *Manoharan Ramachandran; Reza Sahandi; Simant Prakoonwit; Wajid Khan; Siti Aishah Mohd Selamat* *Model Based Generation of Driving Scenarios* *Thomas Hempen; Sanjana Biank; Werner Huber; Christian Diedrich* *Interactive (Intelligent) Integrated System for the Road Vehicle's Diagnostics* *Eduard Tsybunov; Ksenia Shubenkova; Polina Buyvol; Eduard Mukhametdinov*
17:00 - 18:00	**Panel Discussion 1** *(Room #11)* **"ITS Value Chain and a role of different players"** *Lorna Uden (TBC)* *Michael Schreckenberg (TBC)* *Martin Russ (TBC)* *Floridea di Ciommo (TBC)*
19:00	**Gala Dinner**

DAY 2 - THURSDAY, 30TH NOVEMBER, 2017

Time	
8:30 - 9:00	**Registration**
9:00 - 10:30	**Common Session** with **SC 360 Summit** *(Plenary Room #6)* Keynote Address: **Dr. Floridea di Ciommo (Spain)** "Crossing ITS data analysis with people needs" **Dr. Uwe Reiter (Germany)** "The Future of Mobility – the City of Tomorrow" **Jarkko Jaakkola, Maas Global (Finland)** "MaaS presentation"
10:30 - 11:00	**Coffee Break**
11:00 - 12:30	**Plenary Session and Industrial Track** *(Room #11)* **Piia Karjalainen, Senior Manager, MaaS Alliance / ERTICO - ITS Europe** "Creating a thriving ecosystem for Mobility as a Service" **Mr. Martin Nemčik, Skoda (Czech Republic)** "Small step to massive C-ITS deployment and big step forward for OEMs" **Mr. Harri Paloheimo, CoReorient (Finland)** "Sharing economy solutions - from theory to practice"
12:30 - 13:15	**Lunch**
13:15 - 14:15	**Session 5** *(Room #11)* **Cooperative ITS and Autonomous Driving** **Moderator : Giuseppe Lugano** *From Automated Vehicles to Centrally-managed Automated Road Transport* *Maria Alonso Raposo; Biagio Ciuffo; Michalis Makridis; Christian Thiel* *Evaluation of Traffic Control Systems as ITS Infrastructure for Automated Driving* *Juliane Franze; Dominique Seydel; Gereon Weiss; Ulrich Haspe*

DAY 2 - THURSDAY, 29TH NOVEMBER, 2017

Time	
	802.11p: Insights from the MAC and Physical Layers for a Cooperate Car Following Application *Samodha Pallewatta, Poorni S. Lakmali, Sandini Wijewardana, Pabasara Ranathunga, Tharaka Samarasinghe, and Dileeka Dias* ***Automated Driver Scheduling for Vehicle Delivery*** *S.R. Muramudalige;; H.M.N. Dilum Bandara*
14:20 - 15:30	**Session 6** *(Room #11)* **Intelligent traffic management and operations** **Moderator : Simona Kubikova** ***Traffic Flow Estimation for Urban Roads Based on Crowdsourced Data and Machine Learning Principles*** *Sakitha P. Kumarage; R.P.G.K.S. Rajapaksha; Dimantha De Silva; J.M.S.J. Bandara* ***Adaptive Traffic Signal Coordinated Timing Decision for Adjacent Intersections with Chicken Game*** *Xin-hai Xia* ***Detecting Change in the Urban Road Environment along a Route Based on Traffic Sign and Crossroad Data*** *Zoltán Fazekas; Gábor Balázs; László Gerencsér,Péter Gáspár* ***Automatic Relocation of Link Related Data in an Updated Road Map*** *Louis C Touko Tcheumadjeu; Rüdiger Ebendt; Elmar Brockfeld*

DAY 2 - THURSDAY, 29TH NOVEMBER, 2017

Time	
15:30 - 17:00	**Panel Discussion 2** *(Plenary Room #6)* "Smart Cities and Complex Systemic Challenges of European Cities and Regions" (Integrated with Smart City 360 Summit)
17:00-18:00	**Closing Session** *(Room #11)*