



**ELECTROTECHNICAL
ASSOCIATION OF SLOVENIA**



ITS SLOVENIA

**26th INTERNATIONAL SYMPOSIUM
ON ELECTRONICS IN TRANSPORT**

ISEP 2018

CHALLENGES FOR AUTONOMOUS TRANSPORT

P R O G R A M

Monday, March 26, 2018

8.00 - 15.00

8.00

REGISTRATION AND COFFE

9.00

OPENING ADDRESS

9.30 – 10.30

PANNEL SESSION

**COOPERATION AMONG MOBILITY ACTORS BASED ON ITS DEPLOYMENTS
IN HUNGARY**

Adam Nagy, Tamás Tomaschek

Hungarian Public Road Non-Profit PLC, Budapest, Hungary

POTENTIAL OF CLOUD COMPUTING IN THE TRANSPORT SECTOR

Ivan Grgurević, Gordana Kordić, Adam Stančić

Faculty of Transport and Traffic Sciences, Zagreb, Croatia

**MOBILE MAPPING SYSTEMS FOR RAIL AND ROAD AS 3D TUNNEL
INSPECTION TOOL**

Gregor Novaković, Viktor Lovrenčić, Žiga Gabrovšek

C&G d.o.o., Ljubljana, Slovenia

Thomas Sochert

Amberg Technologies, Regensdorf, Switzerland

10.30 – 11.00

COFFE BREAK

PILOT V21 SYSTEM IMPLEMENTATION

Savin Gorup, Anže Jarni, Dragan Vodopivec, Asist d.o.o., Ljubljana, Slovenia

DOPPLER EFFECT MEASUREMENT WITH SDR

Matej Bažec, Franc Dimc,
Faculty of Maritime Studies and Transport, Portorož, Slovenia

KRONECKER ALGEBRA FOR MANAGING RAIL CAPACITY

Schöbel Andreas, Schöbel Christian
OpenTrack Railway Technology GmbH
Blieberger Hans
Vienna University of Technology, Institute of Computer Engineering, Automation Systems
Group

B2TWSN – INNOVATIVE MODEL FOR TRAVELES WITH SPECIAL NEEDS

Rosana Elizabeta Sente, Marko Periša, Ivan Jovović
Faculty of Transport and Traffic Sciences, Zagreb, Croatia

12.00 – 13.00

LUNCH

13.00 – 15.00

PANNEL SESSION

THE POSSIBILITY OF DEVELOPING AND IMPLEMENTING AUTONOMOUS BUSES FOR ROAD PASSENGER TRANSPORTATION

Tomislav Bubalo
Fakultet prometnih znanosti, Zagreb, Croatia
Mirko Čorić
Pomorski fakultet Split, Split, Croatia
Goran Košir
Center for Vehicles of Croatia, Zagreb, Croatia

DETERMINATION OF EFFICIENCY OF NORTHERN ADRIATIC CONTAINER PORTS

Mirano Hess, Katarina Ivanić
Faculty of Maritime Studies Rijeka, University of Rijeka, Croatia

USING TORSIONMETERS DURING EXPERIMENTAL DETERMINATION OF EXPLOITATION PARAMETERS OF INLAND SHIPS

Ivan Škiljaica, Vladimir Škiljaica
Faculty of Technical Sciences, Novi Sad, Serbia

**DYNAMIC TRAFFIC CONTROL IN ROAD TUNNELS RISK BASED
MULTICRITERIAL DECISION SUPPORT FOR SAFE TUNNEL OPERATION**

Miha Hafner, David Rajšter
Elea, iC, Ljubljana, Slovenia

**CONTRIBUTION TO THE SURVEILLANCE AND SAFETY OF ROAD TRAFFIC
BY USING DRONES ON MOTORWAYS AND CRITICAL ROAD SECTIONS**

Mario Madunić, Petra Huzjan, Dajana Bartulović, Željko Marušić
Faculty of Transport and traffic Sciences, Zagreb, Croatia

**SYNERGY OF ROAD AND HELICOPTER EMERGENCY MEDICAL SERVICES
FOR THE PURPOSE OF IMPROVING MEDICAL CARE AFTER TRAFFIC
ACCIDENTS**

Mario Madunić, Petra Huzjan, Dajana Bartulović, Željko Marušić
Faculty of Transport and traffic Sciences, Zagreb, Croatia

18.00

CONFERENCE DINNER

Tuesday, March 27, 2018

9.00 - 15.00

Technical excursion to »Port of Koper«

9.00 Technical excursion to "Port of Koper"

9.15 Bus departure from Ljubljana Fair to Koper (1h 30mins travel)

11.00 Visit, presentation at Port of Koper

12.30 End and bus departure to Ljubljana