

WEDNESDAY, OCTOBER 24, 2018

12.00–13.30 REGISTRATION

DVORANA EVROPA

13.30–14.30 OPENING SECTION

14.30–15.00 Break

15.00–16.30 PIARC INTERNATIONAL SECTION - BRIDGE MANAGEMENT

16.30–16.45 Break

16.45–18.00 ROUND TABLE - BRIDGES

18.00–19.00 Break

19.00–20.30 RECOGNITION AND CULTURAL PROGRAM

20.30–22.30 Reception with a standing dinner



THURSDAY, OCTOBER 25, 2018

HALL A

9.00–10.30 STRATEGIES AND POLICIES

Alojzij Juvanc

Have Ljubljana ring-motorways reached the capacity limit?

Dejan Jurkovič

Expert bases for the development of corridor lines in the Republic of Slovenia; basis for projects of short-term, medium- and long-term priorities

Gaber Gunde

Restrictions on the development of Jože Pučnik Airport Ljubljana and the lack of transport infrastructure in its influential area

Jadran Klinec

Maritime transport infrastructure: Challenges in the port of Koper and opportunities on inland waters

Emil Milan Pintar

Transport policy - by new or old way?

10.30–11.00 Break

11.00–12.30 TRAFFIC

Lidija Kegljevič Zagorc

Presentation of the investment projects of the third development axis managed by DARS d. d.

Matej Dobovšek

Traffic study of updating road connections in the context 3rd development axis at segments Slovenj Gradec – Dravograd and Otiški Vrh – Holmec

Nataša Kovše

Safety distance

Robert Kompan, Boštjan Smrdelj

Automatic coverage of traffic jam with informing on Ljubljana west connector

Brane Nastran

Providing traffic information in a modern communication environment

12.30–14.00 Break

14.00–15.30 SPATIAL PLANNING AND NEW SPATIAL LEGISLATION

Olga Naglič

Inclusion of Slovenian standards in the Construction regulation

Denis Potočnik

Investor protection and simplification of procedures in the field of construction

Miloš Bavec

The need for regulated collection, storing, interpretation and distribution of subsurface data for planning and construction of infrastructure in Slovenia

Neva Jejčič

Quality label in construction – Slovenian national Ecolabel

Suzana Svetličič

Procedures for state roads protection against rockfalls

15.30–16.00 Break

THURSDAY, OCTOBER 25, 2018

HALL A

16.00–17.30 INNOVATIVE APPROACHES IN PLANNING, BUILDING AND MAINTAINING ROADS

Barbara Likar

Use of the recycled materials in road reconstructions

Sašo Seljak

Design of first concrete roundabout in Slovenia - roundabout Ajševica

Aljoša Šajna

Rehabilitation of traffic infrastructure using UHPFRC Obnova prometne infrastrukture z MABZVZ

Bajko Kulauzovič

Weigh in Motion measurements in the Republic of Macedonia

Blaž Alič

From application to implementation of the exceptional transport

17.30–19.00 Break

19.00–22.00 Congress dinner



HALL B

9.00–10.30 DEVELOPMENT AND MODERNIZATION OF THE RAILWAY INFRASTRUCTURE

Franc Šoba

Influence of transport infrastructure on freight transportation costs in maritime and land transport

Borut Zgonc

Sustainable development of the transport system in the framework of the implementation of European Commission measures

Franc Zemljič

National Implementation Plans; as an implementation strategy of the Technical Specifications for Interoperability (TSI)

Jože Urbanc

GSM-R project on the Slovenian rail

Damijan Žagavec

The arrangement of the Pragersko railway hub - an example of the rationalization of the preliminary design solution (first phase of the upgrade)

10.30–11.00 Break

THURSDAY, OCTOBER 25, 2018

HALL B

11.00–12.30 MATERIALS AND TECHNOLOGY

Blaž Prosen

Optimization of dimensions and the type of pavement layers

Mitja Jurgele

Recommendations for the design of asphalt pavers. kon. in areas of stagnant traffic

Dejan Hribar

Characteristics and performance of Asphalt Concrete for very thin surface layers (BBTM)

Žiga Jeriha

Rockfall protection of the Vela Draga slope by the tunnel Učka – good practice example on extreme conditions workfield

Luboš Lichý

Evaluation of Variable Parameters of Pavement of Expressway R1 Trnava – Nitra in Slovakia in km 0,000 to km 2,250 (in place of position of steel wire mesh RoadMesh® reinforcement)

12.30–14.00 Break

14.00–15.30 BRIDGING OBJECTS

Aleš Žnidarič

Using weigh-in-motion systems for optimal assessment of bridges

Marko Lutman

Maintenance of expansion joints at bridge constructions

Marjan Pipenbacher

With purchase awarded competition solution of the new Bridge over the Danube in Budapest

Marjan Pipenbacher

First-awarded competition solution of high-way and pedestrian bridges over Krka River near Novo Mesto

Iztok Turk

Rehabilitation of the viaducts Ravbarkomanda (2017-2018)

15.30–16.00 Break

16.00–17.30 DIGITIZATION IN THE CONSTRUCTION PROCESS

Samo Peter Medved

The aspect of digitalization for the development and competitiveness of the construction industry

Uroš Žagar

Design of embankments by layers for the creation of 3D BIM road and railway model

Iztok Zabreznik

Use of BIM to manage the challenges of managing the PGD and PZI projekt of the main railway line Mari-bor-Šentilj from km 595+900 to km 599+600

Matic Rifi

The use of virtual reality during planning phase in engineering geology. Case study of falling rock hazard on state road RT-912/7302 Zali Log- Davča between km 0.204 in km 0.290

17.30–19.00 Break

19.00–22.00 Congress dinner

THURSDAY, OCTOBER 25, 2018

HALL D

9.00–10.30 TRAFFIC SAFETY: MAN, ENVIRONMENT, INFRASTRUCTURE, VEHICLE

Marko Renčelj

Analysis of implemented measures for road safety improvement on the Slovenian motorway and expressway network

Anja Pulko

In-depht traffic and safety analysis of the location of traffic accidents with fatality or serious injuries

Vesna Marinko

Risk of motorists on Slovenian roads is increasing

Jovan Trajkovski

Numerical analysis of motorcyclist impact into C-profile of Steel Traffic Barrier with and without HDPE protection

Lea Ružič Rikato

Sustainable safety approach on the case of cycling infrastructure in Slovenia

10.30–11.00 Break

11.00–12.30 TRAFFIC SAFETY: MAN, ENVIRONMENT, INFRASTRUCTURE, VEHICLE

Zoran Kenjic

Determining the effectiveness of a Road Safety Audit –The Dutch experience

Thomas Edl

Increasing traffic safety on European roads by using state of the art concrete safety barriers according to applicable European standards

Aleš Bricelj

Investment in traffic equipment in roads managed by DARS to reduce road deaths and serious injuries

Ulrich Zorin

Traffic Safety on the Slovenian Motorways

Marko Renčelj

Traffic safety analysis of the main roads in the Republic of Slovenia with the possible improvement's proposal

12.30–14.00 Break

14.00–15.30 ELECTRONICS IN TRAFFIC TO IMPROVE TRAFFIC SAFETY

Ulrich Zorin

Communication between infrastructure and vehicles on motorways

Savin Gorup

R&D Project Smart Highway - Pilot V2I System

Stanko Lakovič

Assistive systems in vehicles that help to increase road safety

Iztok Zajc

User perception of autonomous mobility on proof of concept experiment in Slovenia

Boris Milič

Maintenance and importance of the continuous operation of active fire alarm systems in motorway tunnels

15.30–16.00 Break

16.00–17.30 ROUND TABLE - HOW ARE WE PREPARED FOR AUTONOMOUS DRIVING?

17.30–19.00 Break

19.00–22.00 Congress dinner

FRIDAY, OCTOBER 26, 2018

HALL A

9.00–10.30 MEASUREMENTS, RESEARCH ACTIVITY

Miha Ambrož

Device for low cost acquisition and analysis of driving surface friction properties

Pavel Žvanut

Management of demanding geotechnical structures using the GEOTAC database

Iztok Klemenc

A practical view at some aspects of designing and soil nails testing

Mitja Jurgele

Falling Weight Deflectometer – operation principles and examples of use in practice

10.30–11.00 Break

11.00–12.15 RESEARCH ACTIVITY

Stanislav Lenart

RAGTIME – Novel approach to holistic transport infrastructure assets management

Karmen Fifer Bizjak

Roadmap across the different transport modes – results of projects FOX and Use-iT

Darko Kokot

EU project ISABELA – Achieving socio-economic responsibility in transport asset management with key performance indicators

Vojkan Jovičič

Southern Portal of Tunnel Ričice: a design solution to overcome conditions caused by Pehare landslide

12.15–12.30 Break

12.30–13.00 CONCLUSION OF THE CONGRESS



FRIDAY, OCTOBER 26, 2018

HALL B

9.00–10.30 TRAFFIC

Alenka Šajin Slak

Weather information system ahead of the new development possibilities

Nataša Kovše

Traffic problems during the morning rush hour

Ulrich Zorin

Using emergency lanes on motorways for driving – Peak Traffic Lane (PKP)

Simon Koblar

Proposal of an alternative public transport network in the Ljubljana urban region

Sašo Turnšek

Analysis of deflection for one lane roundabouts

10.30–11.00 Break

11.00–12.15 ENVIRONMENTAL PROTECTION, CLIMATE CHANGE

Gregor Šipek

Black carbon and traffic

Tomo Pejanovič Nosaka

Environmental impact of road traffic and pollution measurements

Luka Mladenovič

Development of National SUMP Programme in Slovenia

Chiara Gruden

Pedestrian behaviour and safety: a state-of-the-art on pedestrian features, detection technologies, models and software

12.15–12.30 Break

12.30–13.00 CONCLUSION OF THE CONGRESS

HALL D

9.00–10.30 ROUND TABLE – TRAFFIC CONTROL

10.30–12.30 Break

12.30–13.00 CONCLUSION OF THE CONGRESS

The organizer reserves the right to minor changes or amendments to the program.

THE MAIN SPONSORS OF THE CONGRESS

GENERAL SPONZOR

DARS

GOLD SPONZORS

POMGRAD

KOLEKTOR

CGP



gorenjska gradbena družba d.d.

SILVER SPONZORS

DRI
upravljanje investicij

MONTERRA
PRVI KORAK STABILNOSTI

MEDIA PARTNER

GRADBENIK

PARTNER



PATRON



REPUBLIKA SLOVENIJA
MINISTRSTVO ZA INFRASTRUKTURO