

PROGRAMME

AV '25

1st day November 25, 2025 (Tuesday)

8.00 – 9.00 Registration of participants

9.00 – 11.00 Guest's presentations

Conference opening

Petr Mondschein, Czech Road Society

Petr Laušman, Road Contractors Association

Sustainability of asphalt pavement construction

Carsten Karcher, European Asphalt Pavement Association

Carbon footprint assessment for various technical solutions

Sébald Turpin, Routes de France

Bitumen market in Europe

Jonathan Weston, Argus media

Construction projects planned for 2026–2027

Radek Mátl, Road and Motorway Directorate of the Czech Republic

Asphalt pavements – modern trends and modern methods of tendering

Jiří Hlavatý, Road and Motorway Directorate of the Czech Republic

SFDI methodologies in practice

Milan Dont, State Fund for Transport Infrastructure

11.00 – 11.20 Coffee break – Opening of the accompanying exhibition

11.20 – 13.30 **Innovation of materials, new technologies and design of asphalt pavement constructions**

Moderator: Michal Varaus

General reporter: Petr Hýzl

Experience with the determination of resilient modulus M_r using the cyclic CBR test

Lenka Ševelová, Mendelova Univerzita v Brně

The influence of base bitumen characteristics on polymer modified bitumen

Tomáš Koudelka, VIALAB CZ s.r.o.

Properties and mechanism of reactive modifiers to enhance and upgrade PmBs for flexible asphalt pavements

Olivier Fleischel, BASF SE

Knowledge from the evaluation of visco-elastic behaviour of asphalt pavements

Jozef Komačka, TPA Spoločnosť pre zabezpečenie kvality a inovácie

Characteristic failures at roundabouts and their causes

Milan Beck, ESLAB, spol. s r.o..

13.30 – 14.30 Lunch break, poster session

14.30 – 15.45 **Trends in construction, management and maintenance of pavements – 1st part**

Moderator: Miloš Rosenbaum

General reporters: Petr Bureš, Jan David

Digital life cycle assessment (LCA) along the entire value chain

Thomas Leopoldseder, Q Point Group

Digitalization in pavement management system

Jiří Klepáč, Ředitelství silnic a dálnic s. p.

Trends and technologies in road maintenance

Eva Hrušková, Ředitelství silnic a dálnic s. p.

Properties of asphalt layers reinforced with fibreglass grid

Pavel Šperka, VUT v Brně

15.45 – 16.15

Coffee break

16.15 – 17.15

Trends in construction, management and maintenance of pavements – 2nd part

Atypical asphalt pavement defects on bridges and revision of ČSN 73 6242

Jan Zajíček

New regulations for asphalt pavement on bridges

Petr Mondschein, ČVUT v Praze

Special asphalt emulsions and national specifications for cationic emulsions

Tomáš Koudelka, VIALAB CZ s.r.o..

17.15 – 18.00

Poster session

2nd day

November 26, 2025 (Wednesday)

8.45 – 11.30

Sustainability, circular economy, digitalisation

Moderator: Václav Valentin

General reporter: Jan Valentin

Solution for the shortage of aggregates for transport constructions, outputs from a study defining strategic raw materials

Josef Godány, Česká geologická služba

Stabilized lime milk for tack coat protection

Bruno Marcant, ValoChem Sarl.

Unlocking the full potential of RAP

Samir Irzayev, J. Rettenmaier & Soehne GmbH + Co KG

Asphalt rejuvenator optimization methods and an 8-year-old trial section in the Czech Republic

Shahin Eskandarsefat, Iterchimica S.p.A.

Experience to date with the use of low temperature asphalt mixtures in Germany

Horst Mocker, VARO Energy

Procedures for reducing the carbon footprint in the area of asphalt mixtures

Petr Holub, Martin Luňáček, Ředitelství silnic a dálnic s. p.

11.30 – 12.00

Final summarization of the Conference AV'25

Reporter: Petr Mondschein

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An integral part of the Conference is an accompanying exhibition.

Executive committee: Road Contractors Association, Czech Road Society, Asphalt Pavements Section

Information and binding registration are on: www.asfaltove-vozovky.cz/en