

**PROGRAMME OF THE 17th NATIONAL CONGRESS
OF ROADS AND BRIDGES OF ROMANIA
BRAȘOV, 23-25 SEPTEMBER 2026**

Wednesday, 23 September 2026

14:00-18:00	Participant registration (Kronwell, 2nd Floor)
18:30-19:00	Opening of the Exhibition (Kronwell, 2nd and 3rd Floors)
19:30-22:30	Welcome cocktail

Thursday, 24 September 2026

08:00-09:00	Participant registration (Kronwell, 2nd Floor)
09:00-09:40	Opening of the Congress. Messages from public authorities and from the World Road Association Prefect of the Brașov County President of the Brașov County Council Mayor of Brașov
09:40-09:50	World Road Association (PIARC)
09:50-10:00	Cristian PISTOL, General Director, C.N.A.I.R. S.A.
10:00-10:10	Liliana HORGA, President of A.P.D.P. Romania
10:10-10:30	Strategies and perspectives on the development of major road infrastructure – Assoc. Prof. Eng. Gavril HODA
10:30-10:45	THEME 1 – Road Infrastructure Management THEME 1 Rapporteurs: Assoc. Prof. Eng. Adrian BURLACU Lecturer Eng. Mircea CONȚIU
10:45-11:00	Risk-based management of tunnel infrastructure: The Italian Framework – authors: <i>Andrea CARIGI, Raluca BERARIU, Carmine TODARO, Lapo BACCOLINI, Daniele PEILA</i> - Politecnico di Torino
11:00-11:30	Coffee break
11:30-11:45	Study on the non-destructive evaluation of asphalt pavement layer thicknesses – authors: <i>Marius Teodor MUSCALU – D.R.D.P. Iași, Marian PETICILĂ, Sorin DICU – C.N.A.I.R. S.A., Ionela BOTEZATU – D.R.D.P. Iași</i>
11:45-12:00	ALLBIM NET – SPONSOR

12:00-12:15	Stress and strain conditions in flexible, semi-rigid and rigid pavement structures. Case studies – authors: <i>Liviu – Doru REY, Ștefan IONIȚĂ, Sorin PÂTIU</i> – CESTRIN S.A.
12:15-12:30	Urban roads in the integrated transport system of Romania and the Republic of Moldova. Strategic directions for mobility modernization – authors: <i>Ilie BRICICARU, Flavius PAVĂL</i> – U.T.M., C.N.A.I.R. S.A.
12:30-12:45	The link between road infrastructure planning and traffic engineering in the development of transport policies – authors: <i>Adrian VÂLCAN</i> – AV Transport Planing, <i>Valentin ANTON</i> – Technical University of Civil Engineering Bucharest
12:45-13:00	Discussions of papers presented under Theme 1
13:00-14:00	Lunch
14:00-14:15	STRABAG S.R.L. - SPONSOR
14:15-14:45	THEME 2 – Road Safety THEME 2 Rapporteurs: Assoc. Prof. Eng. Valentin ANTON Eng. Cristian ANDREI
14:45-15:00	Scalable Road Condition and Safety Monitoring Using Connected Vehicle Data: Evidence from Romania – authors: <i>Albert Navarro COMES, Dr. Matteo PETTINARI</i> - NIRA Dynamics; <i>Anca NEAGU, Tudor SIMION</i> - Viarom Construct S.R.L.
15:00-15:15	When infrastructure design software begins to think - author: <i>Andrew BANSON</i> , Software Developer, Civil Survey Applications, Australia
15:15-15:30	PORR CONSTRUCT - SPONSOR
15:30-16:00	Coffee break
16:00-16:15	Risk analysis for traffic safety and security in Romanian road tunnels, according to AND 621/2025 (RVS 09.03.11) – authors: <i>Dragoș DUMITRĂȘCUȚĂ, Anton IOANIDI, Silviu DĂRĂBAN</i> - CONSITRANS S.R.L.
16:15-16:30	ITS for improving road safety across the road network – author: <i>Flavius PAVĂL</i> – C.N.A.I.R. S.A.
16:30-16:50	Discussions of papers presented under Theme 2
16:50-17:05	VESTA INVESTMENT - SPONSOR
17:05-17:20	ALLBIM NET - SPONSOR
19:30-23:00	FESTIVE DINNER

Friday, 25 September 2026

09:00-09:30	THEME 3 – Road Network Resilience and Sustainability THEME 3 Rapporteurs: Assoc. Prof. Eng. Gavril HODA Lecturer Eng. Alexandru BRATU Lecturer Eng. Gheorghiță BOACĂ
09:30-09:50	Current trends in the design, production and implementation of asphalt mixtures – authors: <i>Andrei FORTON, Paul MARC, Ciprian COSTESCU, Adelin ȘTIRB</i> – Politehnica University Timișoara
09:50-10:05	MOL GROUP – SPONSOR
10:05-10:25	Laboratory analysis of multi-criteria performance indices for asphalt mixtures – authors: <i>Mihai DICU</i> - Technical University of Civil Engineering Bucharest, <i>Roxana-Daniela DERMENGIU</i> - CONSITRANS S.R.L.
10:25-10:40	VIAROM CONSTRUCT - SPONSOR
10:40-11:00	Discussions of papers presented in Session 1
11:00-11:30	Coffee break
11:30-11:50	Study on the determination of the shear properties of BSM – authors: <i>Marius-Teodor MUSCALU</i> - D.R.D.P. Iași, <i>Marian PETICILĂ, Sorin DICU</i> – C.N.A.I.R. S.A
11:50-12:10	Practical considerations for designing hot asphalt mixtures based on performance criteria – authors: <i>Marian PETICILĂ</i> - C.N.A.I.R. S.A., <i>Marius-Teodor MUSCALU</i> - D.R.D.P. Iași, <i>Sorin DICU</i> – C.N.A.I.R. S.A.
12:10-12:25	HOLCIM ROMANIA - SPONSOR
12:25-12:45	Enhancing road resilience and sustainability: the Pavia – Bereguardo motorway as a best practice exemple – authors: <i>Carlo CARPANI, Loretta VENTURINI</i> - ITERCHIMICA S.p.A, <i>Enea SOGNO, Isabella OTTONELLI</i> - SINA S.p.A
12:45-13:00	Discussions of papers presented in Session 2
13:00-14:00	Lunch
14:00-14:15	TOTAL ENERGIES - SPONSOR
14:15-14:35	Bridge over the Argeșel River in Racoviță district – Mioveni, between DN73D and DC85 – authors: <i>Costinel COMAN</i> - Eurobridge S.R.L., <i>Octavian VASILIU</i> – STRABAG S.R.L.
14:35-14:55	Transylvania Bridge. Technical aspects of cable-stayed bridge construction – authors: <i>Răzvan VOINEA</i> - STRABAG S.R.L., <i>Mihai PREDESCU</i> - Integrated Road Solutions

14:55-15:15	Warm mix technology using reactive surfactant additives: technical background, experimental validation and applicability in Romanian road infrastructure (case study: Colzuphalt® additive) – authors: <i>Alexandru PROCA, Cristina STANA - DITO Group S.R.L.</i>
15:15-15:45	Coffee break
15:45-16:00	TECNOSERVICE EQUIPMENT – SPONSOR
16:00-16:15	Seismic strengthening solutions for existing bridges – authors: <i>Mircea CONȚIU - Transilvania University of Braşov, Ionuț Radu RĂCĂNEL- Technical University of Civil Engineering Bucharest</i>
16:15-16:30	Current experience with the application of geotextile-encased granular columns (GEC) – authors: <i>Vitomir DOBRIĆ, Oliver DETERT, Marija BAKRAČ - HUESKER Synthetic GmbH</i>
16:30-16:45	Sustainability in Romanian infrastructure: the role of EPDs and cold recycling technologies using hydraulic binders – authors: <i>Ștefan ZGHIBARCEA, Alina SURDUCAN, Anca GHEORGHE, Monica GAL - HOLCIM (Romania) S.A., Diana-Nicoleta DIMA, Gelu-Răzvan GIMIGA, Cristian-Silviu IRICIUC - „Gheorghe Asachi” Technical University of Iași</i>
16:45-17:00	Waterproofing of bridges using liquid-applied polymer membranes and bituminous membranes. Selection and on-site control – authors: <i>Valentin UNGUREANU - Transilvania University of Braşov, Constantin FLAMÂNZEANU - CONS DRUM S.R.L., Marcel IONESCU - Europlastic S.R.L., Ionuț Radu RĂCĂNEL - Technical University of Civil Engineering Bucharest, Marian PETICILĂ - C.N.A.I.R. S.A., Anghel TĂNĂSESCU - A.P.D.P. Bucharest Branch, Evgheni ALAIBA - Europlastic S.R.L.</i>
17:00-17:15	Discussions of papers presented under Theme 3
17:15-17:45	Debates and Closing of the Congress

Saturday, 26 September 2026

09:00-17:00	Technical visit to the construction site of the Făgăraş–Sibiu motorway
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