From	To											
21 June 2026												
09:00	12:30					A.1	WS 2: Geosynthetics in Pavement Engineering: Reinforcement and Stabilisation for Roads, Railways, and Airfields	A.2	WS 4: Traffic Speed Deflectometer Device (TSDD) Quality Control (M3+M4)			
12:30	14:00	**Lunch Break**										
14:00	17:30					B.1	WS 1: Experimentation and modelling for transportation infrastructure facing climate extremes	B.2	DaRTS Meeting – Deflection at Road Traffic Speed (hybrid) (M3+M4)	B.3	WS 3: Rockfall – From Risk to Resilience for Roads and Railways (Alma Karlin Hall)	
18:00	21:00	**Ice-breaker / Exhibition opening / Registration (Foyer II)**										
From	**To**	**22 June 2026**										
08:00	18:00	**Registration (Foyer II)**										
09:00	09:45	1.1	**Opening Session (Linhart)**									
09:45	10:45	2.1	Rasmus S. Nordal Lecture | Prof. Emer. Guy Doré, Reassessing frost action in M-E pavement design (Linhart)									
10:45	11:15	**Coffe Break (Foyer II)**										
11:15	12:15	3.1	Distinguished Lecture | Prof. Imad L. Al-Qadi, Innovative flexible pavements: Energy-efficient and resilient for future mobility (Linhart)									
12:15	13:45	**Lunch and Exhibition Opening (Foyer II)**										
13:45	15:15	4.1	In situ evaluation and performance prediction for pavements (Linhart)	4.2	Asphalt mixes (Kosovel)	4.3	Structural design methods (M1)	4.4	Climate change and resilience of infrastructure (Štih)	4.5	Case histories (M3+M4)	
15:15	15:45	**Coffe Break (Foyer II)**										
15:45	16:45	5.1	Keynote Lecture | Prof. Lev Khazanovich, Advancements in mechanistic – empirical design of jointed concrete pavements in the U.S. (Linhart)									
16:45	16:50	**Room Changing Break**										
16:50	18:20	6.1	In situ evaluation and performance prediction for pavements M3+M4)	6.2	Asphalt mixes (Kosovel)	6.3	Structural design methods (M1)	6.4	Climate change and resilience of infrastructure (Štih)	6.5	Construction (Alma Karlin Hall)	
19:00	21:30	**Cultural Event and Welcome Reception (Linhart)**										
From	**To**	**23 June 2026**										
08:30	18:00	**Registration (Foyer II)**										
09:00	10:00	8.1	Keynote Lecture | Prof. Silvia Caro, Understanding self-healing techniques in asphalt mixtures to improve pavement durability (Linhart)									
10:00	10:05	**Room Changing Break**										
10:05	11:35	9.1	In situ evaluation and performance prediction for pavements (Linhart)	9.2	Asphalt mixes (Kosovel)	9.3	Structural design methods (M1)	9.4	Evaluation of deflection measurement (Štih)	9.5	Rehabilitation and maintenance (M3+M4)	
11:35	12:05	**Coffe Break (Foyer II)**										
12:05	13:35			10.2	Concrete materials (Kosovel)	10.3	Design in frost affected areas (M1)	10.4	Evaluation of deflection measurement (Štih)	10.5	Rehabilitation and maintenance (M3+M4)	
13:35	15:05	**Lunch Break (Foyer II)**										
15:05	16:05	11.1	Keynote Lecture | Dr. Dave Brill, The challenge of data for airport pavement design (Linhart)									
16:05	16:10	**Room Changing Break**										
16:10	17:10	12.1	Poster session (Foyer II)	12.2	Poster session (Foyer II)	12.3	Poster session (Foyer II)	12.4	Poster session (Foyer II)	12.5	Poster session (Foyer II)	
16:40	17:10	**Coffe Break**										
17:10	18:40	13.1	In situ evaluation and performance prediction for pavements (Linhart)	13.2	Recycled materials and technologies (Kosovel)	13.3	Geotechnical considerations (M1)	13.4	Evaluation of deflection measurement (Štih)			
20:00	23:00	**Gala Dinner (Club CD)**										
From	**To**	**24 June 2026**										
08:30	18:00	**Registration (Foyer II)**										
09:00	10:00	15.1	Keynote Lecture | Prof. William Powrie, The design of railway track formations: A soil mechanics perspective (Linhart)									
10:00	10:05	**Room Changing Break**										
10:05	11:35	16.1	In situ evaluation and performance prediction for railtrack (Linhart)	16.2	Recycled materials and technologies (Kosovel)	16.3	Geosynthetics and reinforcement (M1)	16.4	Evaluation of deflection measurement (Štih)	16.5	Intelligent construction technologies (M3+M4)	
11:35	12:05	**Coffe Break (Foyer II)**										
12:05	13:35	17.1	In situ evaluation and performance prediction for railtrack (Linhart)	17.2	Recycled materials and technologies (Kosovel)	17.3	Subgrade soils (M1)	17.4	Evaluation of deflection measurement (Štih)	17.5	Use of big data and AI (M3+M4)	
13:35	15:05	**Lunch Break (Foyer II)**										
15:05	16:05	18.1	Keynote Lecture | Dr. Aleš Žnidarič, Road infrastructure challenges posed by heavy-duty vehicle loads (Linhart)									
16:05	16:10	**Room Changing Break**										
16:10	17:40					19.3	Unbound granular materials (M1)	19.4	Measurement of traffic loading (Štih)	19.5	Deflection at Road Traffic Speed (M3+M4)	
17:40	18:20	20.1	**Closing Session (Linhart)**									
19:00	20:00	**IAC BCRRA meeting (for IAC members only)**										
From	**To**	**25 June 2026**										
09:00	16:00	**Technical Visit**										

Legend

Subgrade Soils, Materials & Geosynthetics	Asphalt and Concrete Materials	Structural Design	In-situ Evaluation & Performance Prediction	Recycled Materials & Technologies
Rehabilitation & Maintenance	Traffic Loading & Deflection Analysis	Climate Change & Resilience	Intelligent Technologies, AI & Data	Construction & Case Histories
	Poster session		Special workshop	

4.1		In situ evaluation and performance prediction for pavements		
		22.6.2026 | 13:45 ÷ 15:15		
	No.	Moderator: ***Dr Timo Saarenketo***	Presentation	Type of paper
1.	100045	***William D. Carruth*** In-situ evaluation of load bearing capacity and cohesion gain assessment tools for full depth reclamation	ORAL	FP
2.	100060	***Siva Ram Karumanchi*** Evaluation of long-term flexible pavement performance using field test data and numerical model validation	ORAL	FP
3.	100119	***Erol Tutumluer*** From linear elastic to advanced analysis approaches: A critical review of backcalculation methods in pavement engineering	ORAL	FP
4.	100330	***Abubeker Ahmed*** Evaluation of asphalt damage criteria for airport pavement strength rating system in cold climate	ORAL	FP
5.	100157	***Hong Zhang*** Evaluation of traffic speed deflection devices for measuring bearing capacity of Dutch highways	ORAL	FP
1.	100125	***Anil Kumar Baditha*** Impact of temperature and seasonal correction factors of falling weight deflectometer (FWD) data on pavement performance prediction	POSTER	FP

6.1		In situ evaluation and performance prediction for pavements		
		22.6.2026 | 16:50 ÷ 18:20		
	No.	Moderator: ***Dr David Malmgren-Hansen***	Presentation	Type of paper
1.	100288	***Vasilios Papavasiliou*** Upgrade of existing pavement using modified mixes	ORAL	FP
2.	100242	***José Neves*** A full-scale experimental facility for continuous monitoring of unbound granular materials in road pavements	ORAL	FP
3.	100284	***Alexandra Spilker*** Even road surfaces – A way to extend pavement service life	ORAL	FP
4.	100249	***Mitja Jurgele*** Long-term performance assessment of pavement structures with foam bitumen-stabilized layers using deflection measurements	ORAL	FP
5.	100156	***Hong Zhang*** Use of machine learning technique for correlating Traffic Speed Deflectometer measurements with Falling Weight Deflectometer	ORAL	FP
1.	100304	***Halil Ceylan*** Field evaluation of chemically stabilized granular road performance	POSTER	FP

9.1		In situ evaluation and performance prediction for pavements		
23.6.2026 | 10:05 ÷ 11:35				
	No.	Moderator: ***Professor Han-Lin Wang***	Presentation	Type of paper
1.	100383	***Mohammad A. Bidgoli*** Temperature-corrected pavement deflection measurement using embedded sensors	ORAL	FP
2.	100155	***Jukka Isometsä*** Loading impact of super heavy trucks on thin paved road structures	ORAL	FP
3.	100148	***David Brill*** Allowable overloads on flexible airport pavements on clay subgrades considering subgrade stress ratio	ORAL	FP
4.	100098	***Lillian Uthus Mathisen*** Development of new types of sustainable fiber for use in asphalt production	ORAL	FP
5.	100159	***Tim Schrödter*** Influence of temperature reduced asphalt pavement on the performance of asphalt and bearing capacity of roads	ORAL	FP
1.	100152	***Runyi Cai*** Dynamic Load Identification of Oblique Prestressed Pavement Based on Intelligent Steel Strands	POSTER	EA
2.	100096	***Marina Al Bacha*** Monitoring the behaviour of full-scale pavements under moving loads using distributed optical fiber sensors	POSTER	EA

13.1		In situ evaluation and performance prediction for pavements		
		23.6.2026 | 17:10 ÷ 18:40		
	No.	Moderator:	Presentation	Type of paper
1.	100043	***Marko Čičković*** Application of TSDD measurements on airfield pavements	ORAL	FP
2.	100104	***Jean-Pascal Bilodeau*** Study of asphalt concrete strain distribution in airfield pavements at the national airport pavement test facility	ORAL	FP
3.	100108	***Wade Lein*** Rapid airfield evaluations using dynamic cone penetrometers (DCP) for troop construction in remote locations	ORAL	FP
4.	100133	***Angeliki Armeni*** PCI estimation based on roughness measurements for airfield pavements	ORAL	FP
5.	100134	***Ruggero Pinto*** Rapid monitoring of airport rigid pavement	ORAL	FP

16.1		In situ evaluation and performance prediction for railtrack		
		24.6.2026 | 10:05 ÷ 11:35		
	No.	Moderator: ***Professor Jean-Pascal Bilodeau***	Presentation	Type of paper
1.	100076	***Leiv Jørgen Tofte Husøy*** Subjectivity in ballast condition assessments: A study of visual inspection practices in Norway	ORAL	FP
2.	100120	***Erol Tutumluer*** Interpretation of falling weight deflectometer deflection basin in ballasted railway track using finite element modeling	ORAL	FP
3.	100121	***Erol Tutumluer*** Development of bender element field sensors for monitoring ballasted track condition	ORAL	FP
4.	100034	***Andreas Kværnstuen*** Image analysis as an alternative to ballast grain size investigation	ORAL	FP
5.	100366	***Juliette Blanc*** Monitoring of railway structures with bituminous and granular sublayers: assessment after eight years of use	ORAL	EA
1.	100240	***Fabio Tosti*** Enhancing Railway Ballast Monitoring with GPR Attribute Analysis	POSTER	EA

17.1		In situ evaluation and performance prediction for railtrack		
		24.6.2026 | 12:05 ÷ 13:35		
	No.	Moderator: ***Professor William Powrie***	Presentation	Type of paper
1.	100363	***Chengpeng Hong Hong*** Experimental study on settlement characteristics of full-scale railway subgrade under freeze–thaw cycles	ORAL	FP
2.	100371	***Amparo Guillén*** In-situ monitoring of traffic loading in railway track by inserting innovative smart pads	ORAL	FP
3.	100308	***Heikki Luomala*** Track stiffness as an indicator for evaluating the need for track renovation	ORAL	FP
4.	100322	***Yuanjie Xiao*** Random vibration analysis of three-dimensional high-speed train-ballasted track-subgrade coupling system based on PDEM	ORAL	EA
5.	100323	***Yuanjie Xiao*** Macro & microscopic dynamic responses of coupled train-ballasted track-subgrade system via hybrid MBD-DEM-FDM method	ORAL	EA
1.	100065	***Dominik Rudisch*** Numerical investigations on the influence of radius and track gauge on wheel-rail contact in narrow curves	POSTER	EA

4.2		Asphalt mixes		
		22.6.2026 | 13:45 ÷ 15:15		
	No.	Moderator:	Presentation	Type of paper
1.	100232	***Sara Carlucci*** Performance characterization of warm mix asphalt for porous wearing courses and base layers produced with highly polymer modified bitumen	ORAL	FP
2.	100291	***Chiara Riccardi*** Recycling aluminum processing dusts in hot mix asphalt: Mechanical and environmental performance of filler-modified mixtures	ORAL	FP
3.	100357	***Abhishek Mittal*** Moisture and rutting susceptibility of high RAP asphalt mixes containing WMA additive	ORAL	FP
4.	100349	***Saeed Vosoughian*** Experimental characterization of damage evolution in asphalt concretes: Insights into virgin and polymer-modified binders	ORAL	FP
5.	100237	***Akash Bajaj*** Characterizing Low Temperature Cracking Potential of Asphalt Airfield Pavements	ORAL	EA
1.	100220	***Dejan Hribar*** Practical experiences of implementing warm mix asphalt with foamed bitumen: The path to better sustainability and reduced CO2 footprint	POSTER	EA
2.	100348	***Min-Chih Liao*** Performance Characteristics of Rheological Behavior and Chemical Properties for Recovered Asphalt Binders	POSTER	EA

6.2		Asphalt mixes		
		22.6.2026 | 16:50 ÷ 18:20		
	No.	Moderator: ***Professor Silvia Caro***	Presentation	Type of paper
1.	100074	***Sabine Leischner*** Evaluation of ageing effects in polymer-modified bitumen using rheological, chemical, and morphological analyses	ORAL	FP
2.	100075	***Filippo Giammaria Praticò*** Dry addition of crumb rubber in dense graded friction course mixtures: effects on stiffness, fatigue, and rutting resistance	ORAL	FP
3.	100124	***Erol Tutumluer*** Assessment of composite modulus in Otta seal surfacing utilizing aggregate quarry by-products	ORAL	FP
4.	100178	***Elena Scibilia*** Assessing the quality of fines in asphalt aggregates: Applicability of methylene blue and sand equivalent methods for Norwegian crushed rock	ORAL	FP
5.	100188	***Akash Bajaj*** Fracture Characteristics of Cored Brazil Disk Geometry	ORAL	EA
1.	100087	***Mathieu Galiana*** Technical evaluation of wearing course layer containing 40% RAP on the national roadway network	POSTER	EA
2.	100351	***Jian-Shiuh Chen*** Recycled Asphalt Mixtures: Lab, Plant, and Field Properties	POSTER	EA

9.2		Asphalt mixes		
		23.6.2026 | 10:05 ÷ 11:35		
	No.	Moderator: ***Professor Christina Plati***	Presentation	Type of paper
1.	100161	***Aksel Seitllari*** Ruggedness study of the three-point bending cylinder (3PBC) test for asphalt mixture fatigue performance assessment	ORAL	FP
2.	100218	***Stavros Kalampokis*** Laboratory characterisation of biochar-modified bitumen: A combined rheological and spectroscopic approach	ORAL	FP
3.	100359	***Mofreh Saleh*** Evaluating cracking resistance of fibre-reinforced asphalt mixes using a repeated cyclic SCB test	ORAL	FP
4.	100301	***Ana Karoliny Lemos Bezerra*** Non-destructive linear viscoelastic characterization of bituminous mixtures by impact resonance test	ORAL	FP
5.	100243	***Gustavo Câmara*** Capsule-driven self-healing in asphalt pavements: A DEM numerical approach to smarter infrastructure	ORAL	FP
1.	100150	***Augusto Cannone Falchetto*** An alternative approach to the low temperature performance of High Viscous Asphalt – a South Korean perspective	POSTER	EA
2.	100167	***Carl Lenngren*** Testing Balanced Design in the Field	POSTER	EA

10.2		Concrete materials		
		23.6.2026 | 12:05 ÷ 13:35		
	No.	Moderator:	Presentation	Type of paper
1.	100010	***Greg White*** Theoretical quantification of sustainable concrete options for airport pavements	ORAL	FP
2.	100258	***Lucio Salles de Salles*** Nondestructive evaluation of concrete pavement construction uniformity: Case study	ORAL	FP
3.	100401	***Julie Marie Vandenbossche*** Evaluating Corrosion Development on Dowel Bars in Concrete Pavements	ORAL	EA
4.	100260	***Mohamed Mostafa Hassan Mostafa*** Enhancing Sustainable Concrete with Manganese Steel Slag Aggregates: Performance, Durability, and Economic Viability	ORAL	EA
1.	100314	***Jani Kosec*** Concrete pavement on the Vrhnika–Logatec motorway section: 15 years of structural performance evaluation	POSTER	FP

13.2		Recycled materials and technologies		
		23.6.2026 | 17:10 ÷ 18:40		
	No.	Moderator: ***Professor Claudio Lantieri***	Presentation	Type of paper
1.	100038	***Maria Tsakoumaki*** Treating reclaimed asphalt pavement as an unbound base material	ORAL	FP
2.	100089	***Laszlo Petho*** Development and performance of emulsion-stabilized secondary recycled asphalt pavement	ORAL	FP
3.	100105	***Martynas Karbočius*** Long-term performance of pavement structures with cold central-plant recycled base course	ORAL	FP
4.	100129	***Lillian Mathisen*** Results and experiences from an in-situ project on circular asphalt in Norway	ORAL	FP
5.	100031	***Andre Paixao*** Laboratory characterisation and mechanical performance of EAF slag and recycled rubber mixtures for transport infrastructure	ORAL	FP

16.2		Recycled materials and technologies		
		24.6.2026 | 10:05 ÷ 11:35		
	No.	Moderator: ***Dr Mike Winter***	Presentation	Type of paper
1.	100136	***Ephrem Taddesse*** Influence of RAP content on the viscoelastic properties of asphalt mixtures	ORAL	FP
2.	100193	***Luca Tefa*** Laboratory, field and environmental characterisation of construction and demolition waste stabilised with pozzolanic cement	ORAL	FP
3.	100307	***Lemma Abuye Boja*** Recycled soil stabilized with paper sludge ash as a sustainable roadbed material: Mechanical performance and durability evaluation	ORAL	FP
4.	100373	***Ehsan Yaghoubi*** Green Mixtures for Backfilling Trenches beneath Trafficable Areas: Bridging Laboratory Innovation and Real-World Application	ORAL	EA
5.	100350	***Zachary Deller*** Environmental Implications of Recycled Materials in Asphalt: A Laboratory Leaching Study	ORAL	EA
1.	100325	***Yuanjie Xiao*** Investigating fracture cracking and healing mechanisms of cement-treated recycled aggregate materials via Peridynamics	POSTER	EA

17.2		Recycled materials and technologies		
		24.6.2026 | 12:05 ÷ 13:35		
	No.	Moderator: ***Professor Pauli Kolisoja***	Presentation	Type of paper
1.	100343	***Marco Bruno*** A real case application of a graphene-enhanced polymeric compound using RAP and steel slag sand in sustainable pavements	ORAL	FP
2.	100376	***Andrea Scarponi*** Evaluation of reclaimed asphalt demanufacturing (RAD) methods for high quality aggregate recovery	ORAL	FP
3.	100377	***Andrea Graziani*** Effect of temperature and curing time on the structural capacity of cold-recycled pavements	ORAL	FP
4.	100370	***Miguel Del Sol Sánchez*** From road asphalt to sustainable sub-ballast for railroad: Upcycling RAP into a vibration-mitigating ballast base	ORAL	FP
5.	100144	***Stanislav Lenart*** Rubber-modified ballasted track systems for noise and vibration mitigation	ORAL	FP
1.	100403	***Jhunarani Ojha*** Effect of Cyclic Wet-Dry Conditions on the Strength Behavior of Cement Stabilized Full-Depth Reclaimed (FDR) Road Materials	POSTER	EA

12.1		Poster Session
		23.6.2026 | 16:10 ÷ 17:10
1.	100125	***Anil Kumar Baditha*** Impact of temperature and seasonal correction factors of falling weight deflectometer (FWD) data on pavement performance prediction
2.	100304	***Halil Ceylan*** Field evaluation of chemically stabilized granular road performance
3.	100152	***Runyi Cai **** Dynamic Load Identification of Oblique Prestressed Pavement Based on Intelligent Steel Strands
4.	100096	***Marina Al Bacha **** Monitoring the behaviour of full-scale pavements under moving loads using distributed optical fiber sensors
5.	100240	***Fabio Tosti **** Enhancing Railway Ballast Monitoring with GPR Attribute Analysis
6.	100065	***Dominik Rudisch*** Numerical investigations on the influence of radius and track gauge on wheel-rail contact in narrow curves
7.	100220	***Dejan Hribar **** Practical experiences of implementing warm mix asphalt with foamed bitumen: The path to better sustainability and reduced CO2 footprint
8.	100348	***Min-Chih Liao*** Performance Characteristics of Rheological Behavior and Chemical Properties for Recovered Asphalt Binders
9.	100087	***Mathieu Galiana **** Technical evaluation of wearing course layer containing 40% RAP on the national roadway network
10.	100351	***Jian-Shiuh Chen*** Recycled Asphalt Mixtures: Lab, Plant, and Field Properties
11.	100150	***Augusto Cannone Falchetto **** An alternative approach to the low temperature performance of High Viscous Asphalt – a South Korean perspective
12.	100167	***Carl Lenngren*** Testing Balanced Design in the Field

12.1		Poster Session
		23.6.2026 | 16:10 ÷ 17:10
13.	100314	***Jani Kosec*** Concrete pavement on the Vrhnika–Logatec motorway section: 15 years of structural performance evaluation
14.	100325	***Yuanjie Xiao **** Investigating fracture cracking and healing mechanisms of cement-treated recycled aggregate materials via Peridynamics
15.	100403	***Jhunarani Ojha **** Effect of Cyclic Wet-Dry Conditions on the Strength Behavior of Cement Stabilized Full-Depth Reclaimed (FDR) Road Materials
16.	100210	***Antonio Guimarães*** A mechanistic–empirical method review for design and structural evaluation of railway pavements in Brazil
17.	100286	***Rolf Rabe*** Evaluation of measured data from a full-scale pavement test to validate simulation computations
18.	100115	***Tong Zhou*** Deformation evolution of existing double-lane shield tunnels under close adjacent disturbances: Monitoring analysis and theoretical interpretation
19.	100279	***Zhenghan Hu*** Parametric analysis and evolution characteristics of horizontal soil arching in single-row piles under lateral loading
20.	100386	***Madhavi Latha Gali **** Assessment of bearing Capacity of foundations for the world's highest railway bridge in India
21.	100130	***Yao Shan*** Energy dissipation of ISO standard dry sand under high-frequency intermittent train loading: Experimental insights from modified triaxial shearing apparatus
22.	100324	***Yuanjie Xiao **** Quantitative Prediction of Ballast Particle Abrasion Based on Surrogate Modeling and Machine Learning
23.	100312	***M. Kaan Etikan*** Discrete Element Analysis of the Response of Unbound Granular Materials Consisting Marginal Road Materials under Triaxial Loading
24.	100171	***Ignacio Artamendi*** Laboratory assessment of mechanical degradation and service life of railway ballast
25.	100246	***Mohamed Elshaer*** Modeling pavement roughness evolution under future climate scenarios using LTPP Data

12.1		Poster Session
		23.6.2026 | 16:10 ÷ 17:10
26.	100264	***Jerome Daleiden*** ARRB Systems Global Initiatives to Advance Comprehensive Pavement Assessments
27.	100341	***Andrejs Taranovs*** Assessment of Load-Deflection Linearity Between 40 kN and 50 kN in Falling Weight Deflectometer Measurements
28.	100066	***Anil Kumar Baditha*** Determine the impact of temperature and seasonal correction factors on effective structural number calculated based on Falling Weight Deflectometer
29.	100172	***Ramez Hajj*** Sensitivity evaluation of temperature correction techniques for TSD data
30.	100033	***Mansour Solaimanian*** Impact of Moisture Content on Light Weight Deflectometer (LWD) Response for Quality Control of Compacted Subgrade & Base Material
31.	100263	***Jerome Daleiden*** Incorporation of Structural Response in Pavement Management
32.	100175	***Jacek Sudyka*** Prediction of asphalt layer temperature: RNN and XGBoost as the basis of a proposed hybrid model
33	100149	***Ali Foroutan Mirhosseini*** Unraveling frost and thaw effects: Temperature normalization of FWD deflection basins for structural assessment of Norwegian pavements
34.	100215	***Zsolt Boros **** Knowledge from the Evaluation of Visco-Elastic Behaviour of Asphalt Pavements
35.	100342	***Murilo FREITAS FRAZAO*** Obtaining homogeneous back-calculated elasticity modulus from deflection measurements
36.	100398	***Ashish Walia **** Rationalizing Back-Calculation for Thick Bituminous Pavements: A Layer-Merging and Fixed-Moduli Approach
37.	100117	***Martin Hauptman*** Evaluation of real traffic loading with the use of portable bridge WIM system and laser traffic counters
38.	100216	***Zsolt Boros **** Change in state of defects on airport pavements after introduction of category E aircraft operations

12.1		Poster Session
		23.6.2026 | 16:10 ÷ 17:10
39.	100369	***Dalibor Udovič*** Expansion Of Landing Areas at The Dubrovnik Airport, Croatia
40	100073	***Tomohito Hori*** Development of a bearing-capacity testing apparatus using the self-weight of construction machinery
41.	100256	***Tim Alte-Teigeler*** Improving bearing capacities of pavements by stabilising concrete slabs with silicate resins
42.	100116	***Fanyu Xia*** Numerical and experimental optimization of pre-burial design for navigation lighting cables in airport asphalt pavement retrofitting
43.	100399	***Ashish Walia **** Evaluating Structural Reserves Under the ACR-PCR Framework: An Integrated NDT and Forensic Case Study
44.	100331	***Atish Nadkarni **** Evaluation of MEPDG Damaged Moduli Approach Using Viscoelastic Back-Calculated Damaged Moduli
45.	100047	***Mohamed Belmokhtar*** Overview of thermal data collected during accelerated pavement testing
46.	100097	***Magnus Holmsteen Jorgensen*** Improving Pavement Structural Assessment with AI-Driven GPR Layer Detection.
47.	100306	***Tanvir Ahmed*** Neural network based early warning system for JPCP transverse cracking

4.3		Structural design methods		
		22.6.2026 | 13:45 ÷ 15:15		
	No.	Moderator: ***Dr Sabine Leischner***	Presentation	Type of paper
1.	100093	***Rabbira Garba Saba*** Development and utilization of material database in mechanistic-empirical pavement design	ORAL	FP
2.	100147	***David Brill*** Development of top-down cracking design methodology for corner breaks in rigid airport pavements	ORAL	FP
3.	100078	***Sara Anastasio*** A comparative analysis of pavement design with a traditional empirical method and an advanced analytical system	ORAL	FP
4.	100012	***Greg White*** Comparison of thickness determination methods for flexible aircraft pavements	ORAL	FP
5.	100402	***Rami Chkaiban*** AASHTOWare Pavement ME Design: Advancing Pavement Performance Prediction with New Models and Software Enhancements	ORAL	EA

6.3		Structural design methods		
		22.6.2026 | 16:50 ÷ 18:20		
	No.	Moderator: ***Professor Imad L. Al-Qadi***	Presentation	Type of paper
1.	100110	***Olivier Chupin*** An innovative approach for the design of cement-stabilized lateritic gravel pavements	ORAL	FP
2.	100302	***Sergio Hernan Manjarres Paredes*** Effect of temperature on fatigue-based rational pavement design	ORAL	FP
3.	100112	***Daniela Neufeld*** Modeling of the temperature distribution in asphalt pavements	ORAL	FP
4.	100329	***Konstantina Georgouli*** Autonomous trucks and pavement infrastructure: Emerging challenges and considerations	ORAL	FP
5.	100221	***Brynhild Snilsberg*** VegDim: A Digital System for Pavement Design and Analysis	ORAL	EA
1.	100210	***Antonio Guimarães*** A mechanistic–empirical method review for design and structural evaluation of railway pavements in Brazil	POSTER	FP
2.	100286	***Rolf Rabe*** Evaluation of measured data from a full-scale pavement test to validate simulation computations	POSTER	FP

9.3		Structural design methods		
		23.6.2026 | 10:05 ÷ 11:35		
	No.	Moderator: ***Dr Dirk Jansen***	Presentation	Type of paper
1.	100326	***Damian Suarez*** Updating perpetual pavement design criteria: from legacy practices to strain ratio-based methodologies	ORAL	FP
2.	100111	***Olivier Chupin*** Considering a friction-based approach to model asphalt pavement interfaces	ORAL	FP
3.	100327	***Marko Peltomäki*** Evaluating the technical functionality of railway track transition zones	ORAL	FP
4.	100032	***Andre Paixao*** Numerical modelling of EAF slag and recycled rubber mixtures in railway infrastructures	ORAL	FP
5.	100011	***Greg White*** Review and improvement of FAARFIELD software for thickness design in the Australian context	ORAL	FP
1.	100115	***Tong Zhou*** Deformation evolution of existing double-lane shield tunnels under close adjacent disturbances: Monitoring analysis and theoretical interpretation	POSTER	FP

10.3		Design in frost affected areas		
23.6.2026 | 12:05 ÷ 13:35				
	No.	Moderator: ***Professor Guy Doré***	Presentation	Type of paper
1.	100062	***Jean-Pascal Bilodeau*** Seasonal damage analysis of foam glass aggregates insulation in the flexible pavement layered system	ORAL	FP
2.	100107	***Wade Lein / Andrew Bernier*** Dynamic and resilient modulus of frost-susceptible soils: Innovations for cold climate engineering	ORAL	FP
3.	100278	***James Leak*** A review of thaw weakening effects on the stiffness modulus of soils with different gradations using grading entropy coordinates	ORAL	FP
4.	100029	***Dina Kuttah*** Impact of freeze-thaw cycles on the dynamic CBR of unstabilized and enzyme-stabilized subgrade soil	ORAL	FP

13.3		Geotechnical considerations		
		23.6.2026 | 17:10 ÷ 18:40		
	No.	Moderator:	Presentation	Type of paper
1.	100094	***Derek Houtz*** Portable microwave radiometer for assessing moisture content in construction of road subgrade and aggregate layers	ORAL	FP
2.	100153	***Yaser Ghafoori*** Biopolymer-based stabilization of dredged sediment: Rheological analysis	ORAL	FP
3.	100068	***Pavel Žvanut*** Lessons learnt from the monitoring of high embankments founded on soft soils	ORAL	FP
4.	100271	***Mike Winter*** Geotechnical Asset Data to Enhance Road Network Resilience	ORAL	EA
5.	100372	***Roberto Luis-Fonseca*** Risk Assessment Rockfall Events	ORAL	EA
1.	100279	***Zhenghan Hu*** Parametric analysis and evolution characteristics of horizontal soil arching in single-row piles under lateral loading	POSTER	FP
2.	100386	***Madhavi Latha Gali*** Assessment of bearing Capacity of foundations for the world's highest railway bridge in India	POSTER	EA

16.3		Geosynthetics and reinforcement		
		24.6.2026 | 10:05 ÷ 11:35		
	No.	Moderator: **Professor José Neves**	Presentation	Type of paper
1.	100140	***Stanislav Lenart*** Filtration performance of nonwoven geotextiles in transport infrastructure: Clogging behavior in internally unstable soils	ORAL	FP
2.	100088	***Yike Yin*** Mycelium-reinforced granular materials	ORAL	FP
3.	100185	***Papa Masseck Thiam*** Reinforcement geosynthetics: A solution for climate change impacted resource roads	ORAL	FP
4.	100277	***Stepan Bohus*** Performance of glass fibre road reinforcement materials after installation and trafficking	ORAL	FP

17.3		Subgrade soils		
24.6.2026 | 12:05 ÷ 13:35				
	No.	Moderator: **Professor Yu-Jun Cui**	Presentation	Type of paper
1.	100317	***Sanja Jocković*** CBR performance of fly ash, slag and soil mixtures for sustainable transportation infrastructure	ORAL	FP
2.	100248	***José Everton*** Suction-enhanced methods for characterising subgrade mechanical behaviour	ORAL	FP
3.	100310	***Samuel Kingangai*** Evaluating the resilient behavior of crushable marginal subgrade soil	ORAL	EA
4.	100385	***Samuel Valencia-Díaz*** Subgrade optimisation for transport infrastructure: a mechanistic-economic framework	ORAL	EA
5.	100384	***Samuel Valencia-Díaz*** Integrating soil compaction and bearing capacity characterization through a new laboratory-based approach	ORAL	EA
1.	100130	***Yao Shan*** Energy dissipation of ISO standard dry sand under high-frequency intermittent train loading: Experimental insights from modified triaxial shearing apparatus	POSTER	FP

19.3		Unbound granular materials		
		24.6.2026 | 16:10 ÷ 17:40		
	No.	Moderator: ***Professor Sigurdur Erlingsson***	Presentation	Type of paper
1.	100151	***Erol Tutumluer*** Improved prediction of resilient modulus of unbound aggregates using artificial neural networks	ORAL	FP
2.	100247	***Shafiqur Rahman*** Traffic load limitations of pavements based on shakedown behavior of the unbound layers	ORAL	FP
3.	100181	***Jean-Pascal Bilodeau*** Estimating permanent deformation in granular materials under cyclic loads using granulometric parameters	ORAL	FP
4.	100361	***Yang Yun*** The long-term field experiment of geogrid-stabilization in ballasted trackbed	ORAL	FP
5.	100180	***Jose Estaire*** Settlement laws of bed layers of a ballast track as determined in CEDEX Track Box	ORAL	FP
1.	100324	***Yuanjie Xiao*** Quantitative Prediction of Ballast Particle Abrasion Based on Surrogate Modeling and Machine Learning	POSTER	EA
2.	100312	***M. Kaan Etikan*** Discrete Element Analysis of the Response of Unbound Granular Materials Consisting Marginal Road Materials under Triaxial Loading	POSTER	EA
3.	100171	***Ignacio Artamendi*** Laboratory assessment of mechanical degradation and service life of railway ballast	POSTER	FP

4.4		Climate change and resilience of infrastructure		
22.6.2026 | 13:45 ÷ 15:15				
	No.	Moderator: ***Dr Stanislav Lenart***	Presentation	Type of paper
1.	100056	***Sundis M.S. Taher*** A review-based assessment of the thermal and environmental performance of titanium dioxide–modified permeable asphalt pavements	ORAL	FP
2.	100118	***Murilo Freitas Frazao*** Asphalt pavements' temperature profile prediction combining a numerical model with weather data: A French case study	ORAL	FP
3.	100067	***JosefRingo KellerReboucas*** Improving the resilience of road infrastructure to extreme weather events through data-based development of innovative construction methods	ORAL	FP
4.	100106	***Helge Mork*** Evaluation of distress development under future climate for Norwegian conditions	ORAL	FP
5.	100122	***Laszlo Petho*** Optimising warm mix asphalt production through real-time on-site temperature data collection and statistical analysis	ORAL	FP

6.4		Climate change and resilience of infrastructure		
22.6.2026 | 16:50 ÷ 18:20				
	No.	Moderator: ***Professor Tatsuya Ishikawa***	Presentation	Type of paper
1.	100173	***Paulina Leiva-Padilla*** Evaluation of pavement material hydraulic performance using a laboratory-scale rainfall simulation prototype	ORAL	FP
2.	100362	***Guanwen Liang*** Frost-heave and thaw-settlement experiments using a full-scale physical model of high-speed railway subgrade	ORAL	FP
3.	100213	***Giorgia Sanvitalea*** Evaluating asphalt pavement surface temperatures using thermal satellite remote sensing	ORAL	FP
4.	100259	***Richard Koschuch*** Real-Time Rockfall Monitoring for Street Safety Using Pulse-Doppler Radar at the Example for the E652 at Tržič, Slovenia	ORAL	EA
5.	100397	***Michael Atukunda*** Impact of Wetting and Drying Cycles associated with Climate Change on Soil Erodibility: Novel Insights for Embankments Supporting Transport	ORAL	EA
1.	100246	***Mohamed Elshaer*** Modeling pavement roughness evolution under future climate scenarios using LTPP Data	POSTER	FP

9.4		Evaluation of deflection measurement		
		23.6.2026 | 10:05 ÷ 11:35		
	No.	Moderator: ***Professor Erol Tutumluer***	Presentation	Type of paper
1.	100039	***Arman Hamidi*** A temperature and speed correction factor for the fatigue strain index obtained from traffic speed deflectometer	ORAL	FP
2.	100049	***Tatek Fekadu Yideti (Ph.D.)*** Evaluation of pavement layer thickness using ground penetrating radar for back-calculation of elastic modulus	ORAL	FP
3.	100053	***Klavs Olsen*** Structural evaluation of continuously reinforced concrete pavements with traffic-speed deflectometer technology	ORAL	FP
4.	100054	***Paulina Leiva-Padilla*** Parametric study of signal processing techniques for pavement deflection monitoring with geophones	ORAL	FP
5.	100375	***Ernesto Urbaez*** Independent Verification of TSD Deflection Velocity Using Non-Contact LDVs: Methodology and Comparative Results	ORAL	EA
1.	100264	***Jerome Daleiden*** ARRB Systems Global Initiatives to Advance Comprehensive Pavement Assessments	POSTER	EA
2.	100341	***Andrejs Taranovs*** Assessment of Load-Deflection Linearity Between 40 kN and 50 kN in Falling Weight Deflectometer Measurements	POSTER	EA

10.4		Evaluation of deflection measurement		
		23.6.2026 | 12:05 ÷ 13:35		
	No.	Moderator:	Presentation	Type of paper
1.	100082	***Per Otto Aursand*** Implementing structural data in pavement maintenance of national roads in Norway	ORAL	FP
2.	100289	***Yasmine El Khattabi*** Statistical analysis of dynamic force calibration of falling weight deflectometer through interlaboratory comparison testing	ORAL	FP
3.	100057	***Barbara Esser*** Correlations between dynamic axle loads induced by longitudinal unevenness and bearing capacity measurements using the TSD	ORAL	FP
4.	100077	***Matthias Scheidig*** Evaluation of the load-bearing capacity of a pavement with semi-rigid surface course	ORAL	FP
5.	100026	***José Neves*** Precision analyses of deflection measurements in FWD proficiency tests	ORAL	EA
1.	100066	***Anil Kumar Baditha*** Determine the impact of temperature and seasonal correction factors on effective structural number calculated based on Falling Weight Deflectometer	POSTER	FP
2.	100172	***Ramez Hajj*** Sensitivity evaluation of temperature correction techniques for TSD data	POSTER	EA

13.4		Evaluation of deflection measurement		
		23.6.2026 | 17:10 ÷ 18:40		
	No.	Moderator:	Presentation	Type of paper
1.	100085	***Mehdi Kalantari*** Temperature normalization of traffic speed deflectometer measurements	ORAL	FP
2.	100100	***David Malmgren-Hansen*** Machine learning based road segmentation for traffic speed deflectometer data evaluation	ORAL	FP
3.	100101	***Klavs Olsen*** Improved assessment of pavement deterioration using iPAVe	ORAL	FP
4.	100126	***Herman Visser*** Moisture matters: Understanding the influence of moisture content on structural behaviour	ORAL	FP
5.	100257	***Dirk Jansen*** FWD Comparison - an update and basis for discussions	ORAL	EA
1.	100033	***Mansour Solaimanian*** Impact of Moisture Content on Light Weight Deflectometer (LWD) Response for Quality Control of Compacted Subgrade & Base Material	POSTER	EA
2.	100263	***Jerome Daleiden*** Incorporation of Structural Response in Pavement Management	POSTER	EA

16.4		Evaluation of deflection measurement		
		24.6.2026 | 10:05 ÷ 11:35		
	No.	Moderator: ***Dr Jean-Michel Simonin***	Presentation	Type of paper
1.	100300	***Konstantinos Gkyrtis*** Evaluating pavement rehabilitation of asphalt layers using falling weight deflectometer data: A case study	ORAL	FP
2.	100164	***Panujan Naguleswaran*** Evaluation of deflection measurements using Falling Weight Deflectometer and Traffic Speed Deflectometer on the autobahn in Germany	ORAL	FP
3.	100229	***Omar Guazzaroni*** Analysis of traffic speed deflectometer measurements on semi-rigid pavements: Deflections temperature correction	ORAL	FP
4.	100261	***Eyal Levenberg*** Backcalculation of deflections obtained near asphalt pavement edges	ORAL	FP
1.	100175	***Jacek Sudyka*** Prediction of asphalt layer temperature: RNN and XGBoost as the basis of a proposed hybrid model	POSTER	FP
2.	100149	***Ali Foroutan Mirhosseini*** Unraveling frost and thaw effects: Temperature normalization of FWD deflection basins for structural assessment of Norwegian pavements	POSTER	FP
3.	100215	***Zsolt Boros*** Knowledge from the Evaluation of Visco-Elastic Behaviour of Asphalt Pavements	POSTER	EA

17.4		Evaluation of deflection measurement		
		24.6.2026 | 12:05 ÷ 13:35		
	No.	Moderator:	Presentation	Type of paper
1.	100262	***Eyal Levenberg*** A Python code for calculating deflections in a layered elastic half-space	ORAL	FP
2.	100346	***Sidi Sidahmed*** Temperature and noise effects in estimating subgrade modulus from traffic-speed deflectometer data using machine-learning methods	ORAL	FP
3.	100174	***John Yeaman*** The use of deflection data in preparing Australian airports for modern times	ORAL	FP
4.	100268	***Alejandra M. Vega*** Evaluation of airfield asphalt pavements under heavy aircraft loads based on deflection basin parameters	ORAL	FP
5.	100219	***Konstantinos Gkyrtis*** Optimization of assessment procedures for concrete pavements at highway toll stations	ORAL	FP
1.	100342	***Murilo Freitas Frazao*** Obtaining homogeneous back-calculated elasticity modulus from deflection measurements	POSTER	FP
2.	100398	***Ashish Walia*** Rationalizing Back-Calculation for Thick Bituminous Pavements: A Layer-Merging and Fixed-Moduli Approach	POSTER	EA

19.4		Measurement of traffic loading		
		24.6.2026 | 16:10 ÷ 17:40		
	No.	Moderator: ***Aleš Žnidarič***	Presentation	Type of paper
1.	100227	***Doron Hekič*** Extension of the bridge weigh-in-motion system from traffic loading measurement tool towards structural health monitoring	ORAL	FP
2.	100365	***Martin Larsson*** The effect of heavy loading and groundwater table in full-scale testing of cycle paths	ORAL	FP
3.	100189	***Taavi Tõnts*** Influence of Reduced Lateral Wandering by Connected and Automated Vehicles on Rutting and Fatigue of Elastic Pavements	ORAL	EA
4.	100233	***Aditya Singh*** Seasonal Load Spectra on Illinois Interstate Highways	ORAL	EA
1.	100117	***Martin Hauptman*** Evaluation of real traffic loading with the use of portable bridge WIM system and laser traffic counters	POSTER	EA

4.5		Case histories		
22.6.2026 | 13:45 ÷ 15:15				
	No.	Moderator: ***Per Otto Aursand***	Presentation	Type of paper
1.	100042	***Alejandra M. Vega*** Case studies of evaluation and maintenance procedures on unpaved stabilized surfaces	ORAL	FP
2.	100184	***Papa Masseck Thiam*** Improving the transportation efficiency of the Canadian forest industry while minimizing pavement impacts	ORAL	FP
3.	100183	***Allan Bradley*** Learnings from 35 years of unpaved roads research: Challenges and responses from a Canadian perspective	ORAL	FP
4.	100336	***Calle Ossbahr*** Investigation of structural capacity and surface defects on municipal roads in metropolitan area of Stockholm, Sweden	ORAL	EA
1.	100216	***Zsolt Boros*** Change in state of defects on airport pavements after introduction of category E aircraft operations	POSTER	EA
2.	100369	***Dalibor Udovič*** Expansion Of Landing Areas at The Dubrovnik Airport, Croatia	POSTER	EA

6.5		Construction		
		22.6.2026 | 16:50 ÷ 18:20		
	No.	Moderator: ***Dr Pierre Hornych***	Presentation	Type of paper
1.	100013	***Greg White*** Compacting and proving deep sand fills for airport pavements constructed for large modern aircraft loads	ORAL	FP
2.	100379	***Marko Brezigar*** Bridging karst features: A major challenge in tunnel construction	ORAL	FP
3.	100195	***Rok Fojkar*** Main Apron Renovation Works at Ljubljana Airport	ORAL	EA
4.	100320	***Franc Švegl*** Karst Phenomena and the Use of BIM in the Construction of the Second Track Railway Line Divača–Koper	ORAL	EA
1.	100073	***Tomohito Hori*** Development of a bearing-capacity testing apparatus using the self-weight of construction machinery	POSTER	FP

9.5		Rehabilitation and maintenance		
		23.6.2026 | 10:05 ÷ 11:35		
	No.	Moderator:	Presentation	Type of paper
1.	100016	***Sara Anastasio*** Evaluation of the effect of strengthening works on the road service life	ORAL	FP
2.	100072	***Timo Saarenketo*** Detecting early phase microcracking in asphalt pavements	ORAL	FP
3.	100081	***Trond Østen*** Improving drainage by design and machine control to increase pavement service life on national roads in Norway	ORAL	FP
4.	100297	***Sigurdur Erlingsson*** Application of machine learning techniques for predicting municipal pavement condition index	ORAL	FP
5.	100079	***Sara Anastasio*** Assessing the impacts of reduced studded tire use on pavement friction and surface condition	ORAL	FP
1.	100256	***Tim Alte-Teigeler*** Improving bearing capacities of pavements by stabilising concrete slabs with silicate resins	POSTER	EA

10.5		Rehabilitation and maintenance		
		23.6.2026 | 12:05 ÷ 13:35		
	No.	Moderator: ***Dr Rabbira Garba Saba***	Presentation	Type of paper
1.	100177	***David Brill*** Application of artificial intelligence in backcalculation of airfield pavement materials	ORAL	FP
2.	100194	***Asmus Skar Christiansen*** Mapping laser crack measurement system data to manual pavement condition ratings	ORAL	FP
3.	100209	***Eyal Levenberg*** Optimal partitioning of pavement data into homogeneous sections	ORAL	FP
4.	100239	***Luca Bianchini Ciampoli*** Airport runway pavement management via immersive XR for remote sensing deformation data interpretation	ORAL	FP
5.	100296	***Sigurdur Erlingsson*** Forecasting municipal pavement condition index through sigmoid deterioration model	ORAL	FP
1.	100116	***Fanyu Xia*** Numerical and experimental optimization of pre-burial design for navigation lighting cables in airport asphalt pavement retrofitting	POSTER	FP
2.	100399	***Ashish Walia*** Evaluating Structural Reserves Under the ACR-PCR Framework: An Integrated NDT and Forensic Case Study	POSTER	EA
3.	100331	***Atish Nadkarni*** Evaluation of MEPDG Damaged Moduli Approach Using Viscoelastic Back-Calculated Damaged Moduli	POSTER	EA

16.5		Intelligent construction technologies		
		24.6.2026 | 10:05 ÷ 11:35		
	No.	Moderator: ***Antonio Gomes Correia***	Presentation	Type of paper
1.	100059	***Stephan Tilgner*** Enhanced bearing capacity assessment of roads using machine learning for automated GPR interpretation	ORAL	FP
2.	100131	***Leo Sotto*** Automatic identification of slope anomalies in traffic speed deflectometer measurements via machine learning	ORAL	FP
3.	100154	***Pauli Kolisoja*** Novel system for automatic recognition of studded tires	ORAL	FP
4.	100338	***Serdal Terzi*** Predictive modeling of pavement final service life using machine learning techniques	ORAL	FP
5.	100168	***Carl Lenngren*** Assessing middle-layer asphalt concrete temperature using FWD big data and artificial intelligence	ORAL	FP
1.	100047	***Mohamed Belmokhtar*** Overview of thermal data collected during accelerated pavement testing	POSTER	EA
2.	100097	***Magnus Holmsteen Jorgensen*** Improving Pavement Structural Assessment with AI-Driven GPR Layer Detection.	POSTER	EA

17.5		Use of big data and AI		
		24.6.2026 | 12:05 ÷ 13:35		
	No.	Moderator: ***Professor Halil Ceylan***	Presentation	Type of paper
1.	100225	***Asmus Skar Christiansen*** Strain measurements of airport concrete pavement utilizing distributed fiber-optic sensors	ORAL	FP
2.	100400	***Mason Smetana*** Domain adaptation of modern large language models in pavement engineering through advanced information retrieval	ORAL	EA
3.	100228	***Lama Abufares*** Development of Markov Decision Process for GPR-Optimized Asphalt Concrete Rolling Pattern	ORAL	EA
4.	100382	***Klemen Klemar*** Detection of Traffic Anomalies Using Distributed Fiber Optic Sensing in Work Zone Environments	ORAL	EA
1.	100306	***Tanvir Ahmed*** Neural network based early warning system for JPCP transverse cracking	POSTER	FP

19.5		Deflection at Road Traffic Speed		
		24.6.2026 | 16:10 ÷ 17:40		
	No.	Moderator: ***Dr Marko Čičković***	Presentation	Type of paper
1.	100048	***Herman Visser*** A machine learning-based pavement structural capacity estimation method using data collected by traffic speed deflectometer (TSD)	ORAL	FP
2.	100214	***Eyal Levenberg*** Elastostatic analysis of measured deflection slopes	ORAL	FP
3.	100170	***André Felipe Vale*** The use of a traffic speed deflectometer device (TSDd) for evaluating load transfer efficiency (LTE) - a case study	ORAL	FP
4.	100265	***André Felipe Vale*** Repeatability and reproducibility analysis of FWD and TSDd	ORAL	FP

WS1		WS 1: Experimentation and modelling for transportation infrastructure facing climate extremes
		21.6.2026 | 14:00 ÷ 18:30
No.		Moderator: ***Prof. Yu-Jun Cui***
1.	14:00–14:10	***Tatsuya Ishikawa (Hokkaido University)*** Welcome speech
2.	14:10–14:40	***Yu-Jun Cui (École des Ponts ParisTech)*** Soil-atmosphere interaction in embankments: field monitoring and numerical modelling
3.	14:40–15:10	***Joel Smethurst (University of Southampton)*** The impact of climate change on the performance of clay earthworks in the UK
4.	15:10–15:40	***Mike Winter(Winter Associates Limited)*** Climate change rainfall and debris flow – past and present
5.	16:00–16:30	***Tatsuya Ishikawa(Hokkaido University)*** Pavement life prediction under cold and changing climate based on thermo-hydro-mechanical characterisation of geomaterials
6.	16:30–17:00	***Ana Heitor (University of Leeds)*** Role of climate driven deterioration in compacted soils
7.	17:00–17:30	***Han-Lin Wang (Hunan University)*** Climate-related active and passive soil arching in unsaturated compacted clay
8.	17:30–18:20	***António Gomes Correia (Universidade do Minho, Portugal)*** Round-table discussion
9.	18:20–18:30	***Yu-Jun Cui (École des Ponts ParisTech)*** Ending speech

WS2	WS 2: Geosynthetics in Pavement Engineering: Reinforcement and Stabilisation for Roads, Railways, and Airfields
	21.6.2026 | 09:00 ÷ 12:30
Time	Moderator: ***Dr. Stanislav Lenart, (ZAG), Slovenia***
1.	***Prof. Erol Tutumluer, University of Illinois Urbana-Champaign, USA*** Applications of Geosynthetics in Road & Airfield Pavements and Railway Track
2.	***David Brill, Federal Aviation Administration, USA*** Full-Scale Test of Flexible Airport Pavement with Geosynthetic Inclusions
3.	***Prof. Leoš Horníček, Czech Technical University in Prague, Czech Re*** Improvement of Railway Track Stability Using Geosynthetics Placed Beneath Track Bed
4.	***Dr. Stanislav Lenart, (ZAG), Slovenia*** Innovative Applications of Geosynthetics for Enhanced Ballast Confinement in Railway Tracks
5.	***Prof. Gali Madhavi Latha, Indian Institute of Science, Bengaluru, India*** Novel geogrids for better performance and cost benefits
6.	***Jörg Klompmaker, NAUE GmbH & Co. KG, Germany*** Performance test on geogrid stabilised granular base course material – reduction of accumulated plastic deformations
7.	***Dr. Ivan P. Damians, Universitat Politècnica de Catalunya, Spain*** Geosynthetic Reinforcement in the Second-Generation Eurocodes: Design Updates, Applications and Sustainability Considerations

WS3		WS 3: Rockfall – From Risk to Resilience for Roads and Railways (Alma Karlin Hall)
		21.6.2026 | 14:00 ÷ 17:30
No.		Moderator: ***Vjekoslav Budimir, Geobrugg AG, Croatia***
1.	14:00 – 14:45	***Volker Leonhardt, Geobrugg AG*** Protection in the Public Eye: Perception, Impact, Reality
2.	14:45 – 15:15	***Vjekoslav Budimir, Geobrugg AG*** Risk assessments rockfall events
3.	15:15 – 15:45	***Volker Leonhardt, Geobrugg AG*** Testing What Truly Matters: Load Cases Beyond the Standards
4.	16:15 – 16:45	***Tomaž Cej, Rejda*** Function and Comparison: GBE, RXE, and ROCCO
5.	11:45 – 17:15	***Tomaž Cej, Rejda*** Geobrugg GUARD: Remote Status Monitoring

WS4	WS 4: Traffic Speed Deflectometer Device (TSDD) Quality Control (M3+M4)
	21.6.2026 | 09:00 ÷ 12:30
No.	Moderator: ***Dirk Jansen, BASt, Germany***
1.	***Dirk Jansen, BASt*** Welcome & live polling Keynote: TSDD worldwide – from research to guidelines
2.	***David Malmgren-Hansen, Greenwood Engineering / Herman Visser, ARRB Systems / Susanne Baltzer, DRD*** Quality assurance through advances in technology Quality assurance through comparison
3.	***Jerome Daleiden, ARRB Systems / Gerardo Flintsch, Virginia Tech / Susanne Baltzer, DRD / Dirk Jansen, BASt*** Case studies Moderated discussion
4.	***Susanne Baltzer, DRD / Dirk Jansen, BASt*** Wrap-up & Take-aways