



8:15 – 8:45	Registration	13:30 / 14:00 – 15:00	Visit to Highway and Airport Pavement Research Center – WFT, HTP ² , Rolling-Tire Impact Noise Tester
8:45 – 9:10	<p>Welcome Address: iSMARTi: <i>Paulo Pereira, Univ. of Minho</i> Int. PFDM Comm.: <i>T. F. Fwa, Chang'an Univ. / Nat. Univ. of Singapore</i> 1st PFDM Symposium: <i>S Han, Chang'an University</i></p> <p>Opening Address: <i>Aimin Sha President, Chang'an University</i></p>	15:00 – 15:15	Tea Break
	<p>Keynote Session Moderator: <i>T. F. Fwa, Chang'an Univ. / National Univ. of Singapore</i></p>	15:15 – 18:00	<p>Session 1 – Safety Related Surface Characteristics</p> <p>Moderator: <i>F. G. Pratico, Univ. Mediterranea of Reggio Calabria</i></p> <ol style="list-style-type: none"> Tire/Surface Interface Research at Ulster, <i>D. Woodward and J. Ferguson, Ulster University</i> Understanding specificity of skid resistant aggregates in pavement functional design and management, <i>S. Tighe, L. Zhao and N. Li, University of Waterloo</i> Low-Speed Skid Resistance Measurement – Comparison of BPT and DFT, <i>X. Cui, L. Chu, T. F. Fwa and S. Han, Chang'an University</i> Low-Speed Skid Resistance Measurement using WFT, <i>M. Liu, S. Han and T. F. Fwa, Chang'an University</i> The skid resistance assessment in dense-graded asphalt concrete with stepwise polishing efforts and various film thickness of moisture, <i>Y-M Su, Y-K Huang, S-H Liang and G. P. Ong, National Kaohsiung University of Science and Technology</i> Functional Evaluation of Porous Asphalt Pavements, <i>J-S Chen, National Cheng Kung University</i> Smartphone application on roadway roughness evaluation, <i>C-P Chou, Y. Li, A-C Chen, National Taiwan University</i>
9:10 – 10:00	<p>Keynote Lecture: Thermomechanical Aspects of Skid Resistance Kumar Anupam, Delft University of Technology</p>		
10:00 – 10:25	Photo-Taking and Tea Break		
10:25 – 11:15	<p>Keynote Lecture: Review of Tire-Pavement Noise Research and Development in Europe Ulf Sandberg Swedish National Road & Transport Research Institute (VTI)</p>		
	<p>Plenary Session Moderator: <i>P. Pereira, University of Minho</i></p>		
11:15 – 11:45	<p>Introducing Chang'an University High-Speed Testing Platform -- HTP² Operational Characteristics and Capability <i>S. Han, Chang'an University</i></p>		
11:45 – 12:15	<p>Introducing the Concept of Skid Resistance State—Application in interpretation of HTP² skid resistance testing <i>T. F. Fwa, Chang'an University / National University of Singapore</i></p>		
12:15 – 13:30	Lunch	18:30 – 21:00	Welcome Dinner



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8:00 – 10:20	<p>Session 2 – Tire-Pavement Noise Characteristics</p> <p>Moderator: <i>Z. Leng, The Hong Kong Polytechnic University</i></p> <ol style="list-style-type: none"> Quiet pavement technologies: balancing their performance of time, <i>F. G. Praticò and P. G. Briante, University Mediterranea of Reggio Calabria</i> Influence of concealed cracks on the mechanical impedance and noise of asphalt concretes, <i>F. G. Praticò and G. Pellicano, University Mediterranea of Reggio Calabria</i> The effects of delicate concrete pavement texture on skid resistance and tire-pavement noise, <i>Y. Wang and W. Sheng, The Hong Kong Polytechnic University</i> Definition of tyre-road noise limits based on pedestrians' crossing decision making using virtual environments, <i>F. Soares, E. Silva, P. Barbosa, F. Pereira, C. Silva, E. Sousa and E. Freitas, University of Minho</i> Rolling Impact Test for Tire-Pavement Noise Measurement, <i>Y. Wan, S. Han and T. F. Fwa, Chang'an University</i> In-Door High-Speed Tire-Pavement Noise Testing, <i>B. Peng, S. Han, T. F. Fwa and L. Chu, Chang'an University</i> 	10:35 – 12:50	<p>Session 3 – Pavement Surface Characterization</p> <p>Moderator: <i>X. Chen, Southeast University</i></p> <ol style="list-style-type: none"> Possibilities of non-contact 3D sensors for pavement safety evaluation, <i>Kelvin C.P. Wang, Oklahoma State University</i> Microscopic texture analysis on friction deterioration, <i>C. Pranav and Y-C. J. Tsai, Georgia Institute of Technology</i> Evaluation of pavement surface texture based on the vibration response of electric mobility scooter, <i>K. Tomiyama, and K. Moriishi, Kitami Institute of Technology</i> Evaluation of runways surface characteristics based on pilots' subjective judgment, <i>Y. Hachiya and Y. Tsubokawa, Fujita Road Construction, Co. Ltd</i> Functionalized asphalt mixtures, <i>Rocha Segundo, S. Landi Júnior, P. Pereira, E. Freitas, J. O. Carneiro, University of Minho</i> Evaluation of wearing resistance of various concrete pavement texturing technologies by Aachen polishing machine, <i>Z. Leng, D. Wang, The Hong Kong Polytechnic University</i> 	
10:20 – 10:35	Tea Break		12:50 – 14:00	Lunch



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<p>14:00 – 15:55</p>	<p>Session 4 – Pavement Surface Characteristics Moderator: <i>D. Woodward, Ulster University</i></p> <ol style="list-style-type: none"> Evolution Analysis of Pavement Texture Based on Polishing Tests and CT Scanning Technology, <i>S. Q. Xiao, Harbin Institute of Technology</i> Design and road performance study of UTAC-7 thin layer cover, <i>W. Cui, K. Wu, W. Huang and C. Xu, Guangzhou University</i> Asphalt concrete for very thin layers: A high performance, low cost, low noise and long-lasting skid resistant mixture for wearing course, <i>A.F. Nikolaidis, Aristotle University of Thessaloniki</i> Functional characterization of the road surface microtexture, <i>M-T Do, V Cerezo and M Kane, IFSTTAR, AME-EASE</i> Investigation of the Dynamic Friction Coefficient between Tire and Pavement based on Tire-Pavement Dynamic Friction Analyzer. <i>M. Yu and Z. You, Chongqing Jiaotong University</i> 	<p>16:10 – 18:00</p>	<p>Session 5 – Pavement Condition Evaluation Moderator: <i>A.F. Nikolaidis, Aristotle Univ. of Thessaloniki</i></p> <ol style="list-style-type: none"> Skid Resistance and Mountainous Road Safety – Lessons from Road Safety Auditing of Expressways in Yunnan Province, China. <i>D. Wilson, Auckland University</i> The characteristics of velocity slopes of the pavement surface from traffic speed deflectometer device, <i>G. W. Chai, S. H. Chowdhury and S. Manoharan, Griffith University</i> Evaluation of non-darcy permeability characteristics of previous concrete using xrct-based finite volume simulation, <i>A. Jagadeesh, G. P. Ong and Y-M Su, National University of Singapore</i> Measurement and Evaluation of Road Functional Conditions in Indonesia, <i>B. H. Setiadji, Diponegoro University</i> Pavement Condition Survey Practices for Airport and Highway Pavements in Singapore, <i>J.Y. Tan and K. P. Drenth, Samwoh Innovation Centre Pte Ltd</i>
<p>15:55 – 16:10</p>	<p>Tea Break</p>		<p>18:00 – 18.30</p> <p>Closing Announcement</p>
		<p>19:00 – 21.30</p>	<p>Bus to take participants to Muslim Street and dinner</p>

SATURDAY, 26 OCT 20 19 FOR TECHNICAL TOUR

<p>Full Day</p>	<p>HVS, Full-scale vehicle test track, World's First Ancient Expressway of Qin Dynasty and others (Lunch and dinner will be provided)</p>
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