

**27<sup>th</sup> April**

**09:00 – 09:20 - Welcome session**

International PFDM Committee: Tien Fwa, Chang'an University /  
National University of Singapore

2<sup>nd</sup> PFDM Chair: Paulo Pereira, University of Minho

Opening Address: Dean of the School of Engineering

**09:25 – 10:25 – Keynote session**

Moderator: Paulo Pereira

Keynote Lecture: [Challenges in Design and Development of Functionally Sustainable Pavements](#)

*Tien Fwa, Chang'an University / National University of Singapore*

10:25 – 10:50 – Break

**10:50 – 12:35 – Road safety**

10:50 – 11:20 – [Modelling of Pavement Surface in Road Safety](#)

*Kumar Anupam, TUDelft, Netherlands*

11:20 – 12:35 – Presentations

12:35 – 14:30 – Lunch

**14:30 – 16:15 – Road noise**

14:30 – 15:00 – [Beyond Tire-road Noise](#)

*Elisabete Freitas, University of Minho, Portugal*

15:00 – 16:15 – Presentations

16:15 – 16:45 – Break

**16:45 – 18:30 – Rolling resistance**

16:45 – 17:15 – [Measuring the Rolling Resistance of Pavements by Means of Trailer Method: a status quo](#)

*Luc Goubert, BRRC, Belgium*

17:15 – 18:30 – Presentations

**19:30 – 21:30 – Reception at Duques de Bragança Palace**

Organizer



University of Minho

**28<sup>th</sup> April**

**08:30 – 10:15 – Heat island effect from pavements**

08:30 – 09:00 – [Heat Island Effect from Pavements](#)

*Kamil Kaloush, Arizona State University, USA*

09:00 – 10:15 – Presentations

10:15 – 10:45 – Break

**11:00 – 12:50 – Surface layer materials**

11:00 – 11:30 – [Recent Trends in Surfacing Paving Solutions](#)

*Cesare Sangiorgi, University of Bologna, Italy*

11:30 – 12:45 – Presentations

12:45 – 14:30 – Lunch

**14:30 – 16:15 – Surface texture**

14:30 – 15:00 – [A Discourse on criticalities and perspectives in road texture](#)

*Filippo Praticò, Mediterranean Univ. of Reggio Calabria, Italy*

15:00 – 16:15 – Presentations

16:15 – 16:45 – Break

**16:45 – 18:30 – Condition data collection and analysis**

16:45 – 17:15 – [Automated Pavement Condition Evaluation Using 3D Technology and ML](#)

*James Tsai, Georgia Institute of Technology, USA*

17:15 – 18:30 – Presentations

**20:00 – 22:30 – Symposium Dinner**

Supporters



**CHANG'AN**  
UNIVERSITY

**29<sup>th</sup> April**

**08:30 – 10:05 – Surface distress prevention and management**

08:30 – 09:00 – [Pavement Friction Management](#)

*Gerardo Flintsch, Virginia Tech Transportation Institute, USA*

09:00 – 10:00 – Presentations

10:00 – 10:30 – Break

**10:30 – 12:00 – Impacts on social environment**

10:30 – 11:00 – [Co-financing of Highway Run-off Pollution](#)

*Ligia Pinto, University of Minho, Portugal*

11:00 – 12:00 – Presentations

**12:00 – 13:00 – Visit to CCG Simulator**

13:00 – 14:30 – Lunch

**Afternoon**

Optional tours