



## Pavement Functional Design and Management

### PFDM 2021

30 September - 2 October 2021, Guimarães, Portugal

[www.pfdm2021.com](http://www.pfdm2021.com)

#### 30<sup>th</sup> September

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: Rector of the University of Minho

09:25 – 10:25 – Keynote session

Moderator: Paulo Pereira

Keynote Lecture: Challenges in Design and Development of  
Functionally Sustainable Pavements (T. F. Fwa)

10:25 – 10:50 – Break

#### 10:50 – 12:35 – Road safety

10:50 – 11:20 – Modelling of pavement surface in road safety  
studies

11:20 – 12:35 – Presentations

12:35 – 14:30 – Lunch

#### 14:30 – 16:15 – Road noise

14:30 – 15:00 – Invited lecture title and author

15:00 – 16:15 – Presentations

16:15 – 16:45 – Break

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

16:45 – 17:15 – Invited lecture title and author

17:15 – 18:30 – Presentations

19:30 – 21:30 – Reception at Duques de Bragança Palace,  
Guimarães

Organizer



University of Minho

#### 1<sup>st</sup> October

#### 08:30 – 10:15 – Heat island and impact from pavements

08:30 – 09:00 – Invited lecture title and author

09:00 – 10:15 – Presentations

10:15 – 10:45 – Break

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

11:00 – 11:30 – Invited lecture title and author

11:30 – 12:45 – Presentations

12:45 – 14:30 – Lunch

#### 14:30 – 16:15 – Surface drainage

14:30 – 15:00 – Invited lecture title and author

15:00 – 16:15 – Presentations

16:15 – 16:45 – Break

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

16:45 – 17:15 – Invited lecture title and author

17:15 – 18:30 – Presentations

20:00 – 22:30 – Symposium Dinner

#### 2<sup>nd</sup> October

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

08:30 – 09:00 – Invited lecture title and author

09:00 – 10:00 – Presentations

10:00 – 10:30 – Break

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

10:30 – 11:00 – Invited lecture title and author

11:00 – 12:00 – Presentations

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

13:00 – 14:30 – Lunch

#### Afternoon

Optional tours

Supporters



**CHANG'AN**  
UNIVERSITY

