



CALL FOR PAPERS

2022 AM3P CONFERENCE



Hong Kong, China, Dec 12-14, 2022



www.am3p.com



The Conference Standing International Advisory Committee (SIAC) and the Organizing Committee (OC) invite delegates to submit papers and to participate in the International Conference on Advances in Materials and Pavement Performance Prediction (AM3P) to be held December 12-14, 2022, in Hong Kong, China, which is known the world city of Asia where East truly meets West.

The AM3P 2022 conference is inspired by the legacy of the previous four 3DFEM conferences held in Delft and Athens as well as the successful 2018 AM3P (Doha) and 2020 AM3P (San Antonio/virtual). The AM3P series of conferences at regular intervals are intended to continue the same theme: i.e., models; experimental methods to measure properties and determine model parameters; implementation and utilization for material or pavement prediction; etc.

Technical papers on the following topics (but not limited to) are invited:

- Modeling and experimental evaluation of moisture damage in asphalt mixtures
- Advances in pavement analysis and design methodologies
- Advances in smart and non-traditional roadways and runways
- Materials testing and performance modeling: calibration, verification, and validation
- Chemo-mechanical and other tools for performance evaluation of asphalt binders
- Advances in the modeling of pavement construction
- New types of green pavement materials
- Self-healing/rejuvenation methodologies for existing pavement structures
- Modeling and monitoring techniques for vehicle-pavement interaction
- Pavements and climate change: adaptation/resilience and mitigation/embodied carbon footprint
- Modeling, performance prediction and design of rigid pavements
- AI and machine learning technologies in pavement engineering and performance prediction
- Characterizing unbound aggregates for pavement design and performance prediction
- Modeling the performance of chemically and mechanically stabilized pavement foundations
- Others

All papers should be limited to four pages. The accepted papers will be published in the peer-reviewed conference proceedings. The instruction for paper submission and template for the conference papers can be accessed at the conference website:

<https://www.am3p.com/upload>. The due date for paper submission is **June 15, 2022**.

For more information about the conference, please visit: www.am3p.com

We sincerely invite you to join the conference and look forward to welcoming you in Hong Kong!

Prof. Jianlong Zheng, Prof. Tien Fang Fwa and Prof. Zhen Leng
Co-Chairs, AM3P2022 Organizing Committee

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