The SPT 2019 was held at the Singapore Polytechnic Graduates' Guild on 24 May 2019. The sponsors for this year are Anton Paar (S) Pte Ltd, Engineering Laboratory Electronics (S) Pte Ltd, Megastone Holding Pte Ltd, Setsco Services Pte Ltd, Shell Eastern Petroleum (S) Pte Ltd and United E & P Pte Ltd.

The symposium was attended by 111 pavement professionals from both private and public sectors which include Land Transport Authority, Changi Airport Group and Defence Science & Technology Agency. There were also overseas delegates from China, Taiwan and Germany. The symposium comprises three sessions:

a) Advanced Materials for Pavement Resurfacing and Wearing Course
b) Good Practices in Pavement Engineering
c) New Technologies and Products

A total of 12 speakers from various companies and tertiary institutions have presented, namely:

1. Ms. Foo Siew Kim, Land Transport Authority (Singapore) and Mr. Hayden Hoon, BT Sports Pte Ltd - High Strength Surface Coating,

2. Dr. Vincent Guwe, Shell Eastern Petroleum (S) Pte Ltd - Bitumen Innovation towards Better Environment


4. Professor Tan Kiang Hwee, National University of Singapore - Partial Replacement of Rigid Pavement by New Overlay

5. Dr Chu Longjia, Chang’an University (China) - Pavement Friction Testing using BPT and DFT

6. Dr Tan Jun Yew and Mr. Ong Ju Kit, Samwoh Innovation Centre Pte Ltd - Factors Affecting Pavement Friction Monitoring

7. Dr Su Yu-Min, National Kaohsiung University of Science and Technology (Taiwan) - Skid Resistance Evaluation in Dense-Graded Asphalt Concrete for Varying Water-Film Thicknesses

8. Professor Chen Jian-Shiuh, National Cheng Kung University (Taiwan) - Construction of Porous Asphalt Concrete – Issues and Lessons Learned

9. Dr Yeo Chung Hun and Dr Ong Ghim Ping Raymond, National University of Singapore - Designing a New Accelerated Pavement Test for Airfield Pavements

10. Mr. Horst Erdien, J. Rettenmaier & Sons (Germany) - SMA - The Road to Durability

11. Mr. Oliver Sack, Anton Paar Germany GmbH - Common Asphalt Binder Test Methods based on a Dynamic Shear Rheometer
12. Mr. K. K. Chan, Freetech Road Recycling Technology (Holdings) Limited - Key success factors in hot in-place patching & its applications

The SPT 2019 was successfully organized and we hope to meet again next year at SPT 2020.

Welcome speech by PES President, Professor Fwa Tien Fang

Participants at the symposium
Presentation by Professor Chen Jian-Shiuh, National Cheng Kung University, Taiwan

Panel discussion
Organising Committee for the SPT 2019