ISAP Day Agenda – January 13, 2019

Location: Independence D (M4), Marriott Marquis, Washington DC

8:00 am – 8:15 am  Welcome and Review of ISAP activities by Board of Directors

- Introduction – ISAP Vice Chair
- ISAP activities summary: Gaylon Baumgardner (Incoming ISAP Chair)
- ISAP events coming up in 2019

8:15 am – 11:00 am Asphalt Pavements and Environment (APE) Technical Committee –
Co-Chairs: Dr. Manfred N. PARTL – Dr. Gabriele Tebaldi

Theme:

8:15 – 8:30  Welcome
Manfred Partl, EMPA, Switzerland

8:30 – 9:00  Report on Past and Future Activities
Gabriele Tebaldi,

9:00 – 9:30  Present Status of Pavement Recycling and Study on Repeated use of RAP in Japan
Atsushi Kawakami

9:30 – 10:00 Use of Plastic in Asphalt Mixtures/Pavements: History and Future Challenges
Gaylon Baumgardner,

10:00 – 10:30 Advances, Implementation, and Future Challenges in Implementation of LCA for Asphalt Pavements
John Harvey,

10:30 – 11:00 Other Items and Closure

11:00  Break for Lunch

11:00 am – 12:00 pm  Lunch break

12:00 pm – 2:45 pm  Pavement Field Evaluation (PFE) Technical Committee –Committee Chair: Dr. Eshan Dave; Session Chair: Dr. Adam Zofka

Theme: Pavement Tire Noise Measurement

12:00 – 12:05  Welcome
Adam Zofka, Road and Bridge Research Institute (IBDiM), Poland
12:05 – 12:35  Testing Pavement Sound Absorption with Reduced Errors Using an Impedance Tube
Richard J. Peppin, R.J. Peppin, United States; Chang-Myung Lee, Scien Co, South Korea

12:35 – 1:05  Measuring the Acoustic Characteristics of Common Roadway Preservation Treatments in National Parks
Frank Turina, Ashley Pipkin, National Park Service, United States; Aaron Hastings, Amanda Rapoza, The Volpe Center, USDOT, United States

1:05 – 1:35  Tire Pavement Noise (TPIN) Separation into Tread and Non-Tread Pattern Components and the Effect of Pavement on TPIN
Ricardo Burdisso, Virginia Tech, United States

1:35 – 2:05  Traffic Noise Measurements in Poland
Ewa Zofka, Road and Bridge Research Institute (IBDiM), Poland; Adam Zofka, Road and Bridge Research Institute (IBDiM), Poland

2:05 – 2:35  Evaluation Method for Noise Level of Low-Noise Pavement in Japan
Atsushi Kawakami, Public Works Research Institute (PWRI), Japan

2:35 – 2:45  Other Items and Closure
Eshan Dave, University of New Hampshire, United States; Adam Zofka, Road and Bridge Research Institute (IBDiM), Poland

2:45 pm – 5:30 pm  Constitutive Modeling of Asphalitic Materials (CMAM) Technical Committee – Theme: Rubberized Asphalitic Materials: from Laboratory to Practice
Moderator: George Way

2:45 – 3:00  Welcome & Introduction
Tom Scarpas, TC Chair TU Delft/Khalifa University

3:00 – 3:30  Asphalt Rubber Mistures: Laboratory Properties and their use in Pavement Design Practices
Kamil Kaloush, Arizona State University

3:30 – 4:00  Rubberized Asphalt Concrete: From Roads to Model
Michele Lanotte, Khalifa University

4:00 – 4:30  An Insight into Modified Binders Through Advanced Rheology
Murali Krishnan, IIT Madras

4:30 – 5:00  Low Temperature Characteristics of CRMBs Based on Chemical Components
Feipeng Xiao, Tongji University

5:00 – Other Items and Closure
Tom Scarpas, TU Delft/KU Adjourn