**ISAP Day Agenda – January 12, 2020**

**Location: Salon 7 (M2), Marriott Marquis, Washington DC**

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

* Introduction – ISAP Vice Chair (Luis Loria-Salazar)
* ISAP activities summary: Gaylon Baumgardner (ISAP Chair)
* ISAP events coming up in 2020

**8:15 am – 11:00 am** **Pavement Field Evaluation (PFE) Technical Committee**

–Committee Chair: Dr. Eshan Dave; Session Co-Chairs: Eshan Dave (University of New Hampshire, USA) and Christina Plati (National Technical University of Athens, Greece)

**Theme: State of the Art in Sensing of Pavement Response**

8:15 – 8:20 **Introduction to TC PFE***,*

 **Dr. Eshan Dave,**University of New Hampshire, United States

8:20 – 8:45 **Experience with Fiber-optic based Sensors to Monitor Pavement Response in Severe Loading and Climatic Conditions**

**Dr. Jean-Pascal Bilodeau and Prof. Guy Doré,**Laval University, Canada

8:45 – 9:15  **Solutions for Pavement Instrumentation and Examples of Application**

**Dr. Pierre Hornych***,* IFSTTAR, France

9:15 – 9:45 **TSD Measurements and Data Analysis: State of the Art and Future Developments**

**Dr. Christoffer Nielson,**Greenwood Engineering, Denmark

9:45– 10:15 **Sensing Pavement Response at Project and Network Level**

**Dr. Dirk Jansen,**Federal Highway Research Institute, Germany

10:15 – 10:45 **Monitoring Pavement Response using In-Pavement sensors**

**Dr. Navneet Garg,**Federal Aviation Administration, United States

10:45 – 11:00 **Other Items and Closure**

11:00 – 12:00 **Lunch break**

**12:00 pm – 2:00 pm** **Constitutive Modeling of Asphaltic Materials (CMAM) Technical Committee –**

–Committee Chair: Dr. Tom Scarpas; Delft University of Technology and Khalifa University

**Theme: Chemomechanics of Rejuvenation of Asphaltic Materials**

12:00 – 12:15**Welcome**

**Tom Scarpas**,Delft University of Technology and Khalifa University

12:15 – 12:45 **Rheological and Compositional Characterization of Modifiers used as Softening Agents and Rejuvenators**

**Hasan Ozer,** Arizona State University

12:45 – 1:15 **Characterization of Mobilization and Blending of Aged Binders in Reclaimed Asphalt Pavement Mixtures**

**Zhen Leng,** Hong Kong Polytechnic

1:15 – 1:45 **Rejuvenator for High-Quality Recycling of PMB RAP**

**Xueyan Liu,** Delft University of Technology

 1:45 – 2:00 **Closure**

**TC Chair,** Dr. Tom Scarpas

**2:00 pm – 5:00 pm** **Asphalt Pavements and Environment (APE) Technical Committee**

–Committee Co-Chairs: Dr. Gabrielle Tebaldi; University of Parma & University of Florida, and Dr. Manfred Partl, EMPA Switzerland

**Theme: Impact of alternative materials on the environmental and technical performance of asphalt mixtures**

2:00 – 2:10**Welcome and call to order**

**Dr. Gabriele Tebaldi;** University of Parma & University of Florida, and **Dr. Manfred Partl**, EMPA Switzerland

2:10 – 2:25 **Short presentation of TC APE: members, scope, activities**

2:25 – 2:40  **Report of 5th APE Symposium in Padova (I) and 6th APE Symposium in Sun City (ZA)**

2:40 – 2:50 **Next events organized by TC APE**

2:50 – 3:15 **New research challenges and new approaches about Ground Tire Rubber recycling and waste plastic recycling**

**Dr. William Buttlar,** University of Missouri

3:15 – 3:40 **A multiscale approach to investigate the use of Ladle Furnace Slags into asphalt mixtures**

**Dr. Emiliano Pasquini,** University of Padova

3:40 – 4:05 **Best Practices in Life Cycle Assessment of Asphalt Mixtures**

**Dr. Amlan Mukherjee,** Michigan Tech

4:05 – 4:30 **Realistic ageing simulation and chemo-mechanical assessment for durable pavement materials**

**Dr. Johannes Mirwald,** TU Wien

4:30 – 4:55 **Recycling of textile wastes in asphalt mixtures**

**Dr. Alessandro Marradi,** University of Pisa

4:55 – 5:00 **AOB**

 **Dr. Gabriele Tebaldi;** University of Parma & University of Florida, and **Dr. Manfred Partl**, EMPA Switzerland

5:00 – **Adjourn**