

## **WORKSHOP ON AIRFIELD PAVEMENTS, Part 2**

Time: Sep. 29, Thu, 09:00-12:30

Venue: [Casa Montejo 1](#)

Chair: Mr. FABRE Cyril, AIRBUS, France

### **Session 2. (Part 2) Airfield Design / Full-scale Testing / Modeling (Chair: Mr. Michael ROGINSKI, The Boeing Company, USA)**

Quantification of the Effect of Tire Contact Stresses on Runway Pavement Responses

- Mr. Hao WANG, University of Illinois at Urbana-Champaign, USA

Top-down and Bottom-up Cracking Mechanism in Failure Stage Two

- Mr. Edward GUO, FAA's Consultant, USA

### **Session 3. Construction of Airfield Pavement, including PCN Calculation (Chair: Mr. Gordon HAYHOE, FAA Airport Technology R&D, USA)**

PCN Determination - Case Studies and Observations of the FAA PCN Methodology

- Mr. Michael ROGINSKI, The Boeing Company, USA

### **Break 10:30 - 11:00**

The New Test Technology for Evaluating the Anti-Cracking Performance of Concrete Runway of the Airport under Construction

- Mr. Yan LIU, China Airport Construction Group Corporation of CAAC, China

### **Session 4. Maintenance, Restoration and Pavement Management System for Airfield Pavements (Chair: Pr. Imad L. AL-QADI, University of Illinois)**

Maintaining Operational Efficiency When Resurfacing the Runway at Billund Airport with a New Overlay in Three Days

- Mr. Hans Christian KORSGAARD, Denmark

Pavement Sustainability and Performance Improvement: Case Studies

- Mr. Iswandaru WIDYATMOKO, URS/Scott Wilson, UK

### **Seminar Conclusions & Close**