

## Track H: Aviation Planning &amp; Operations

Monday, June 10, 2019 (Room: TBA)

Track Chair: Rich Thuma, Crawford, Murphy &amp; Tilly



1:30 to 3:00 PM

**Airside Planning for the Future of Aviation**

Moderator: TBA

- **Future Aircraft Configurations and their impact on Airport Planning**, Yonglian “Liana” Ding, *Boeing*
- **Understanding Go-Arounds from an Airside Planning Standpoint: Causes, Frequencies, Misconceptions, and Mitigations**, William Dunlay, *WJDunlay Consulting LLC*, and Michael Hanowsky, *LeighFisher Inc.*
- **Dynamic Evolution Analysis of Aviation Network in the Multiple-Airport-Systems of China**, Xin Chen and Wiang Gao, *Nanjing University*
- **Planning for Airport Airside Safety**, Gael Lebris, *WSP*

3:30 to 5:00 PM

**Airport Landside Planning: Multimodal Connections**

Moderator: TBA

- **Airport Cities: Urban Planning, Design, and Development Puzzle**, Amiy Varma, *North Dakota University*
- **LAX Landside Access Modernization Program**, Jake Adams, *Los Angeles World Airports*
- **Four Airport Megatrends Serving as Drivers of a Smart Resilient City – A Perfect Storm Rising: Rapid Mobility Transitions, Integration of New Energy Choices, Investments in Infrastructure Modernization, and Revenue Diversification**, Josh Sperling, Alejandro Henao, Venu Garikapati, and Stan Young, *NREL*
- **Access Planning for the New Mexico City International Airport**, Ernest Choi and Daniel Barton, *InterVISTAS*

## Track H: Aviation Planning &amp; Operations

Tuesday, June 11, 2019 (Room: TBA)

Track Chair: Rich Thuma, Crawford, Murphy &amp; Tilly



1:30 to 3:00 PM

**Planning Airport Terminals for the Future of Air Transport**

Moderator: TBA

- **Airport Passenger Terminals in Brazil - The Post-Privatization Era**, Alex de Barros, *University of Calgary*
- **Nashville International Airport (BNA) Modernization Vision: Building the Future, Connecting Nashville to the World**, Robert Ramsey, *Metro Nashville Airport Authority*
- **Atypical Approach for Making Airports More Resilient**, Mark Nasr, Dima Jawad, and Daisy Sami, *Notre Dame University*
- **Application of Emerging Technologies in the DFW Terminals**, Mike Youngs, *DFW Airport*

3:30 to 5:00 PM

**Spaceports**

Moderator: TBA

- **Managing Space Traffic: Is There a Sustainable Solution?**, Diane Howard, *Embry Riddle Aeronautical University*
- **Phased Infrastructure Development at Houston Spaceport**, Brian Gulliver, *Kimley-Horn*
- **Colorado Air and Space Port**, David Ruppel, *Colorado Air and Space Port*
- **Innovative Spaceport Financing**, Elizabeth Evans, *Reed Smith*

## Track H: Aviation Planning &amp; Operations

Wednesday, June 12, 2019 (Room: TBA)

Track Chair: Rich Thuma, Crawford, Murphy &amp; Tilly



9:15 to 10:45 AM

**Unmanned Aerial Systems Operations In and Around Airports**

Moderator: TBA

- **Managing Unmanned Aircraft Systems in the Vicinity of Airports**, Krishanth Fernando, *Booz Allen Hamilton*
- **eVTOL: The Future of On-Demand Air Transport**, Tom Cornell, *Landrum and Brown*
- **UAS Integration with Transportation Planning**, Basil Yap, *NCDOT*
- **System Design of eVTOL on-Demand Service for Multimodal Urban Mobility**, Yu Zhang, *University of South Florida*
- **FAA USA Forecast**, Dr. Dipsis Bhadra, *Federal Aviation Administration*

11:00 AM to 12:30 PM

**New Technology Impacts on Airport Planning and Operations**

Moderator: TBA

- **Implementation of a GIS integrated Airport Pavement Management System**, Vivek Khanna, *HNTB*
- **The Accessible Age of Air Travel, Emerging Technologies, and Customer Experience**, Christopher Blasie, *Airlines for America*
- **Connected Airports (ACRP Study)**, Johanna Zmud, *Texas A&M Transportation Institute*
- **How Automated Vehicles Will Impact Airports**, Geoffrey Gosling, *Aviation System Consulting*; Daniel Barton, *InterVISTAS*