航空と環境 ワークショップ

Greener Flights, Quieter and Cleaner Aviation in Japan

日時：2017年11月29日
10:00–17:40
場所：東京大学本郷キャンパス
福武ラーニングシアター
主催：ボーイング・東京大学*

*総括プロジェクト機構航空イノベーション総括寄付講座

低温暖化効果ガス排出、低騒音、など、航空のオペレーションに関する環境負荷低減の取り組みや最新技術について、日米の専門家が、メーカー・エアライン・政府・研究者それぞれの立場から講演・議論を行います。同時通訳が入り、学生から業界の方まで様々なバックグラウンドの方が知見を深められるワークショップです。申し込みや詳細は以下のサイトから受け付けております。
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Study Group for Aviation Innovation
International Transport Policy Research Unit
Graduate School of Public Policy
The University of Tokyo
Policy Alternatives Research Institute
University of Tokyo
PROGRAM

10:00-10:10 Welcome
Shinji Suzuki – Director, Center for Aviation Innovation Research and Professor, School of Engineering, Aeronautics and Astronautics, University of Tokyo
Brett Gerry – President, Boeing Japan

10:10-10:35 Contributing to Efficient Air Traffic Operations
Shuji Takahashi – Director, Air Traffic International Affairs Office, Air Navigation Services Department, Civil Aviation Bureau, MLIT

10:35-11:00 Progress in Alternative Fuels
Elizabeth Wood – Regional Director, Environmental Strategy, Boeing Commercial Airplanes

11:00-11:25 Advances in Alternative Fuels in Japan
Yoichiro Kono – Director, Fuel Policy Planning Office, Agency for Natural Resources and Energy, METI

11:25-11:50 FAA Perspectives on Flight Operational Efficiency and the Environment
Nate Purdy – Senior Representative, Pacific Rim, FAA

11:50-13:00 BREAK

13:00-13:50 Eco-Flight Activities by Japanese Operators
Keiichi Tamura – 787 Captain, All Nippon Airways
Takeshi Honda – Assistant Manager, Engineering Department, JAL Engineering

13:50-14:15 Benefits of RNP and GLS for Noise and Capacity
Tim Murphy – Senior Technical Fellow, Boeing Commercial Airplanes

14:15-14:40 GBAS, Next Generation Landing Systems – Friendly to both humans and the earth
Kazushi Suzuki – Manager, Satellite Navigation System Office, NEC

14:40-15:05 Demonstration of Advanced Landing Procedures For Noise and Capacity at San Francisco – United Airlines Perspectives
Chris Osterman – Technical Pilot, United Airlines

15:05-15:30 Demonstration of Advanced Landing Procedures For Noise and Capacity at San Francisco – Delta Airlines Perspectives
Mike Mannino – Technical Manager, 737 / 747-400 / 777, Flight Operations, Delta Airlines

15:30-15:45 BREAK

15:45-16:10 A Flight Procedure Design Method for RNP to xLS with Shallow Segment
Sonosuke Fukushima – Principal Researcher, ENRI

16:10-16:35 Research on Flight Operational Efficiency for Fuel and Noise Reduction
Naoki Matayoshi – Senior Researcher, JAXA

16:35-17:30 Panel Discussion: Collaboration Opportunities in Japan
Moderators: Professor Shinji Suzuki, University of Tokyo
Dr. Belur Shivashankara, Boeing Commercial Airplanes
Panelists: All Presenters Above

17:30-17:40 Summary Remarks

18:00-19:30 RECEPTION hosted by Boeing

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