

Day 2 Nov. 9, 2021, 1700 - 2100 EST: Emerging Science of Aviation Turbulence and Future Challenges

[Times in EST]

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| 1700-1710 | Opening/Logistics |
| 1710-1730 | Matthias Steiner, NCAR: "Emerging Needs of Turbulence Guidance for Increasing Non-traditional Flight Operations" |
| 1730-1750 | Jim Doyle, Naval Research Laboratory Monterey: "Mountain Wave Turbulence and Predictability" |
| 1750-1810 | Paola Rodriguez Imazio, Servicio Meteorológico Nacional, Argentina: "Clear Air Turbulence observed across a tropopause fold over the Drake Passage -- A Case Study " |
| 1810-1830 | Walt Rogers, NWS Retired: "On the Need for Mountain Wave Forecasts" |
| 1830-1840 | Break |
| 1840-1900 | Domingo Muñoz-Esparza, NCAR: "Weather-driven Wind and Turbulence Predictions within the Urban Environment in Support of Low-level Aerial Operations" |
| 1900-1920 | John Williams, The Weather Company, an IBM Business: "Use and Misuse of Probabilistic Forecasting for Aviation Turbulence" |
| 1920-1940 | Hye-Yeong Chun, Yonsei University, South Korea: "Turbulence in the Free Atmosphere Estimated by High-Resolution Operational Radiosonde Data" |
| 1940-2000 | Jung-Hoon Kim et al., Seoul National University, South Korea: "Climatology of Clear-Air Turbulence using the ERA5 data" |
| 2000-2010 | Break |
| 2010-2030 | Open Discussion |
| 2030-2035 | Session Wrap Up |