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| Location | Google, 3rd Floor, 123 Buckingham Palace Road, London SW1W 9SH |
| | Google Meet joining info Video call link: https://meet.google.com/pss-agjr-zkv Or dial: (US) +1 617-675-4444 PIN: 463 110 151 1474# |
| Virtual | More phone numbers: https://tel.meet/pss-agjr-zkv?pin=4631101511474 |
| Agenda | All times BST / UTC+1 |

Wednesday, June 19, 2024

| Duration | Start | End | Research Presentations & Discussion |
|----------|-------|-------|---|
| 0:30 | 8:30 | 9:00 | Arrival + breakfast |
| 0:10 | 9:00 | 9:10 | Goals, schedule, housekeeping |
| 0:20 | 9:10 | 9:30 | Introduction: Steven Barrett (UCambridge), Vincent Meijer (TUDelft) |
| 1:00 | 9:30 | 10:30 | Presentations: Observations of contrail formation |
| 0:20 | 9:30 | 9:50 | Phillippe Very (Eurocontrol) |
| 0:20 | 9:50 | 10:10 | Olivier Liandrat (Reuniwatt): <i>Observation of clouds and contrails using sky imagers</i> |
| 0:20 | 10:10 | 10:30 | Aaron Sarna (Google): <i>Contrail Attribution in Geostationary Satellite Imagery</i> |
| 0:15 | 10:30 | 10:45 | Break |
| 1:15 | 10:45 | 12:00 | Presentations: Observations of contrail formation |
| 0:20 | 10:45 | 11:05 | Remi Chevallier (Airbus/ENAC): <i>A Simple and Cost-Effective Method for Contrails Ground Observation: Application in Concept of Operations Feasibility Studies</i> |
| 0:20 | 11:05 | 11:25 | Wouter Vandenueker (MUAC): <i>Prototyping a Contrail Camera Network: From Concept to Reality</i> |
| 0:20 | 11:25 | 11:45 | Luc Busquin (Alaska Airlines): <i>Using Global Meteor Network Cameras for Contrail Observation</i> |
| 0:15 | 11:45 | 12:00 | Peter DeBock (ARPA-E), Miad Yazdani (RTX), Saikat Majumder (GE), Eric Klobas (Northrup): <i>ARPA-E PRE-TRAILS Update</i> |
| 1:00 | 12:00 | 13:00 | Lunch + Networking |
| 1:20 | 13:00 | 14:20 | Presentations: Evaluating forecasts |
| 0:20 | 13:00 | 13:20 | Vincent Meijer (TUDelft): <i>Contrail forecast evaluation using satellite data</i> |
| 0:20 | 13:20 | 13:40 | Scott Geraedts (Google): <i>ContrailBench: datasets for forecast evaluation</i> |
| 0:20 | 13:40 | 14:00 | Greg Thompson (Satavia) |
| 0:20 | 14:00 | 14:20 | Seb Eastham (Imperial): <i>Using LIDAR to analyze and evaluate contrail models</i> |
| 0:20 | 14:20 | 14:40 | Break |
| 1:20 | 14:40 | 16:00 | Presentations: Operational evaluation |

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| 0:20 | 14:40 | 15:00 | Christiane Voigt (DLR): <i>New results on contrails, SAF and lean burn engine technology from recent aircraft campaigns</i> |
| 0:20 | 15:00 | 15:20 | Aarón Sonabend (Google), Tom Dean (BE): <i>Evaluating preliminary avoidance trials</i> |
| 0:20 | 15:20 | 15:40 | Louis Robion, Prashanth Prakash (MIT): <i>Leveraging contrail observations and measurements from flight campaigns</i> |
| 0:20 | 15:40 | 16:00 | Dennis Piontek, Kai Widmaier (DLR): <i>First results for the AKKL 100-flights-trial & CONCERTO</i> |
| 1:00 | 16:00 | 17:00 | Discussion: Reflecting on Day 1's learnings |
| 0:30 | 16:00 | 16:30 | Breakout groups - small group discussion w/ guided questions |
| 0:20 | 16:30 | 16:50 | Review and discuss breakout group findings |
| 0:10 | 16:50 | 17:00 | Wrap-up Day 1 |
| | 17:00 | | End of Day 1 |
| | 18:00 | | Informal happy-hour gathering at the Market Hall, Victoria 191 Victoria St, SW1E 5NE |

Thursday, June 20, 2024

| | Start | End | Research Presentations & Tutorials |
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| 0:30 | 8:30 | 9:00 | Arrival + breakfast |
| 1:20 | 9:00 | 10:20 | Presentations: New forecast and planning approaches |
| 0:20 | 9:00 | 9:20 | Axel Seifert (DWD): <i>A two-moment cloud ice scheme in the ICON model for predicting ice supersaturation</i> |
| 0:20 | 9:20 | 9:40 | Zane Dedekind (Environment Canada) |
| 0:20 | 9:40 | 10:00 | Zeb Engberg (BE), Tharun Sankar (Google): <i>A hybrid contrail forecast model</i> |
| 0:20 | 10:00 | 10:20 | Alejandra Frias-Martin (Flightkeys) |
| 0:40 | 10:20 | 11:00 | Break + Demos |
| 1:00 | 11:00 | 12:00 | Presentations: Observations of Climate Forcing |
| 0:20 | 11:00 | 11:20 | Ollie Driver (Imperial): <i>Factors influencing contrail observability in satellite images</i> |
| 0:20 | 11:20 | 11:40 | Xinyue Wang (Climaviation): <i>Estimating the radiative effect of contrail outbreaks by using geostationary satellite observations</i> |
| 0:20 | 11:40 | 12:00 | Kevin McCloskey, Aarón Sonabend (Google): <i>12hr satellite-driven contrail flux via causal inference</i> |
| 1:00 | 12:00 | 13:00 | Lunch + Networking |
| 1:00 | 13:00 | 14:00 | Lab 1a: Scott Geraedts (Google): <i>Using ContrailBench</i> |
| 1:00 | 14:00 | 15:00 | Lab 2a: Nick Masson, Tom Dean (BE): <i>Contrails Observer app hackathon</i> |
| | | | Lab 2b: Seb Eastham (Imperial), Tristan Abbott (BE): <i>Getting set up with APCEMM</i> |
| 1:00 | 15:00 | 16:00 | Lab 3a: Nick Masson (BE), Shelagh McLellan (Google): <i>User stories: Designing products people love</i> |
| | | | Lab 3b: Zeb Engberg, Tristan Abbott (BE): <i>Finding flights in Landsat and Sentinel</i> |

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| 0:30 | 16:00 | 16:30 | Co-working session |
| 0:30 | 16:30 | 17:00 | Wrap-up, feedback, how to stay in contact and contribute |
| | 17:00 | | End of Day 2 |

Friday, June 21, 2024

| | Start | End | Co-working session |
|------|-------|-------|--|
| 0:30 | 8:30 | 9:00 | Arrival |
| 6:00 | 9:00 | 15:00 | Co-working session |
| | 15:00 | | Wrap-up, feedback, how to stay in contact and contribute |
| | | | End of Workshop |