

Engage 3rd Summer School Programme, 30 August – 02 September 2021

(Programme v1.5; all times CEST; virtual event)

| | 09.45-10.00 | 10.00-11.15 | 11.30-12.30 | | 13.30-14.10 | 14.10-14.45 | 15.00-15.30 | |
|----------------------|--|--|---|--------------------|---|---|--|--|
| MON 30AUG | Opening Andrew Cook (UoW) & Lorenzo Castelli (University of Trieste) |  Airline and airport operations centres Jonas Langner (TU Braunschweig), Sashiko Shirai Reyna (Amsterdam UAS/ENAC) | Panel discussion Moderator: Bojana Mirkovic (University of Belgrade-FTTE) | Lunch break |  Signal processing for trajectory prediction Homeyra Khaledian (UPC Barcelona) | Panel discussion Moderator: Junzi Sun (TU Delft) | SESAR Young Scientist Award Junzi Sun (TU Delft) | |
| TUE 31AUG | | 11.15-12.00 The Engage wiki Pablo Hernandez (Innaxis) | 12.00-12.30 Teaching resources in the wiki (University of Belgrade-FTTE*) | Lunch break | 13.30-14.45  DCB hotspot detection and machine learning for traffic demand prediction Sergi Mas Pujol (UPC Barcelona), Manuel Mateos (Nommon/UPC Barcelona) | 15.00-16.00 Panel discussion Moderator: Lorenzo Castelli (Uni. of Trieste) | | |
| WED 01SEP | | 10.00-11.15  Machine learning and traffic deconfliction Alevizos Bastas (University of Piraeus), Ralvi Isufaj (UAB Barcelona) | 11.30-12.30 Panel discussion Moderator: Fedja Netjasov (Belgrade-FTTE) | Lunch break | 13.30-15.30 Shaping a future European ATM Academy SESAR Scientific Committee | 15.30-16.00  Engage PhDs Q&A UoW | | |
| THU 02SEP | | 10.00-11.15  Weather prediction / forecasting models Anastasia Lemetti (Linköping University), Eduardo Andrés (Universidad Carlos III Madrid) | 11.30-12.30 Panel discussion Moderator: Tatjana Bolic (University of Westminster) | Lunch break | 13.30-14.45  Flight prioritisation, UDPP and route charging Jan Evler (TU Dresden), Andrea Gasparin (University of Trieste), Natalia Solčianska, (University of Trieste) | 15.00-16.00 Panel discussion Moderator: Andrew Cook (University of Westminster) | 16.15-17.00 Future research horizons Dirk Schaefer (EUROCONTROL) | 17.00-17.15 Close and what's coming next Andrew Cook (UoW) |

*Bojana Mirkovic, Fedja Netjasov, Danica Babić

Friday 03 September, follow-on workshop: Machine learning, AI and automation in ATM Registration details for all events [here](#).