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(Programme v4.4; all times CEST; virtual event)

	1030-1100	1100-1145	1200-1245	Lunch break	1400-1445	1500-1545	1600-1645
Mon 21SEP	Opening <i>Radosav Jovanović</i> University of Belgrade-FTTE, summer school coordinator <i>Andrew Cook</i> University of Westminster, Engage KTN coordinator	 Decision support system for airline operation control hub centre <i>Jonas Langner, TU Braunschweig</i> <i>Expert discussant: Dirk Schaefer</i> <i>Student discussant: J. Evler</i>	 Machine learning techniques for seamless traffic demand prediction <i>Manuel Mateos, Nommon / UPC Barcelona</i> <i>Expert discussant: Lorenzo Castelli</i> <i>Student discussant: S. Reyna</i>		 Mitigation of GNSS signal degradations by means of machine learning <i>Evgenii Munin, ENAC</i> <i>Expert discussant: Junzi Sun</i> <i>Student discussant: H. Khaledian</i>	 Integrating weather prediction models into ATM planning <i>Anastasia Lemetti, Linköping University</i> <i>Expert discussant: Tatjana Bolić</i> <i>Student discussant: E. Andrés</i>	 Conflict-free trajectories: a multi agent reinforcement learning approach <i>Alevizos Bastas, University of Piraeus</i> <i>Expert discussant: Fedja Netjasov</i> <i>Student discussant: R. Isufaj</i>
	Tue 22SEP	 Automated DCB hotspot detection <i>Sergi Mas Pujol, UPC Barcelona</i> <i>Expert discussant: Gérald Gurtner</i>  Evolution of route charging mechanisms <i>Natalia Solčianska, University of Trieste</i> <i>Expert discussant: Radosav Jovanović</i>	 Stochastic control of tactical airline operations in hub airport networks <i>Jan Evler, TU Dresden</i> <i>Expert discussant: Andrew Cook</i> <i>Student discussant: J. Langner</i>	 Second generation agent-based modelling for improving APOC operations <i>Sashiko Shirai Reyna, Amsterdam UAS / ENAC</i> <i>Expert discussant: Bojana Mirković</i> <i>Student discussant: M. Mateos</i>	Lunch break	 Advanced statistical signal processing for next generation trajectory prediction <i>Homeyra Khaledian, UPC Barcelona</i> <i>Expert discussant: Dirk Schaefer</i> <i>Student discussant: E. Munin</i>	 A pilot/dispatcher support tool based on the enhanced provision of thunderstorm forecasts <i>Eduardo Andrés, Universidad Carlos III de Madrid</i> <i>Expert discussant: Luis Delgado</i> <i>Student discussant: A. Lemetti</i>

Wed 23SEP	0930-1015	1030-1130	1145-1245	Lunch break	1400-1500	1515-1600	1615-1700
	<i>Opportunities in industry</i>  Insights into a PhD within an airline <i>Marie Carré, SWISS International Air Lines</i>	 Understanding the tactical control of aircraft <i>Olivia Nunez, SESAR JU</i>	 Collaborative decision making in the APOC context, with case studies <i>Alan Marsden, EUROCONTROL</i>		 EUROCONTROL data sources (Part 1) <i>David Marsh, EUROCONTROL</i>	 Airline disruption management - data flows and decision-making processes <i>Marie Carré, SWISS International Air Lines</i>	 EUROCONTROL data sources (Part 2) <i>David Marsh, EUROCONTROL</i>
	 The Talent Network at Frequentis <i>Georg Trausmuth, Frequentis</i>						
Thu 24SEP	0930-1030	1045-1130	1145-1230	Lunch break	1400-1500	1515-1615	1630-1715
	 Delays in European aviation - building passenger cost models <i>Andrew Cook, University of Westminster</i>	 An interaction metric for an efficient traffic demand management <i>Juan José Ramos, Aslogic</i>	 Exploring future UDPP concepts through computational behavioural economics <i>David Mocholí, Nommon</i>		 New architectures in ATM, and virtual centre development <i>Ruben Flohr, SESAR JU</i>	 Short-term air traffic flow management integrating separation management and ground holding <i>Bo Zou, University of Illinois at Chicago</i>	 The Quiz with a Difference
	 Flight centric ATC with airstreams <i>Georges Mykoniatis, ENAC</i>	 Role of Markets in AAS Deployment <i>Maribel Tomás, Think Research</i>					
Fri 25SEP	0930-1030	1045-1145	1145-1215	engagektn.com/summer-school-2020  PhD  Industry  Tutorial  Quiz			
	 Insights into flow management perspectives <i>Lorna Herda, Skyguide</i>	 Applied machine-learning in ATM <i>Laurent Nicolas & Olivier Carron, Innov'ATM</i>	Wrap up and closing <i>Radosav Jovanović & Andrew Cook</i>				