33rd Symposium of the SFTE European Chapter – Schedule 10-12 May 2022

Day 1 – 10 May 2022, Nuremberg Exhibition Center

Symposium Opening			
1000-1230	Meeting opening and Keynotes (3 Speeches) ▪ The new DLR-Research Aircraft ISTAR	SFTE / ettc Martin Gestwa	SFTE EC / ettc DLR, Germany
Lunch			
Session 1 – Measure it right			
1330-1400	PRESENTATION CANCELED DUE TO COVID TRAVEL RESTRICTIONS - ALTERNATIVE UNDER REVIEW		
1400-1430	Catalyst Flight Test Bed, a de-risking vehicle for a new generation of turboprops	Alessandro Ramazzotti	Beechcraft Berlin Aviation
1430-1500	Towards optical real-time proprotor flapping measurements – recent developments within the FLAPsense project	Fritz Boden	DLR Göttingen
1500-1530	Data Acquisition Systems for Future Generation Aircraft: Machine Learning and Big Data Analytics based Data Acquisition Systems	Senthil Kumar	Aircraft and Systems Testing Establishment India
Coffee Break			
Session 2 – Give me some Fuel			
1600-1630	simulator testing of semi-automated control concepts for the receiver aircraft during aerial refueling	Philipp Weber, Philipp Link	DLR Manching, Germany
1630-1700	Design and Assessment of Fighter Pilot Assistance Systems for Air-to-Air Refuelling with Probe-and-Drogue-Equipment	Lars Wandrey, Johanna Lachmann, Julia Ament, Jonas Schmelz	DLR Manching, Germany
1700-1730	Helicopter Aerial Refuelling: A400M Challenges	César González Gómez	Airbus Defence and Space, Getafe, Spain
Technical Session Closing – Day 1			

Camp Fire Session, 10 May 2022, 1930 – „Alte Küch'n", Albrecht-Dürer-Str. 3, 90403 Nürnberg

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Day 2 – 11 May 2022, Nuremberg Exhibition Center

Session 3 – It's not a Game			
0930-1000		Gerard Temme	Freelance Test Pilot
1000-1030	Use of an Engineering Simulator to Inform Design and Flight Test Planning of a Novel Hybrid Aircraft	Warwick Bradfield Nathanael West	Hybrid Air Vehicles, UK
Coffee Break			
Session 4 – Rotating to lift			
1100-1130	Contactless power and data transfer to and from rotating aircraft parts applied to a tilt rotor aircraft	Carlo Rens	NLR, Amsterdam, The Netherlands
1130-1200	Engine Back-up System in flight test campaigns: a new approach to the height-velocity diagram demonstration.	Setareh Taheri Alain Delavet	Airbus Helicopters, Marignane, France
1200-1230	Pipistrel: A build-up approach to the testing of novel technology in aviation	Marco Rizzato	Pipistrel Vertical Solutions, Slovenia
Lunch			
Session 5 – Accept it or not - it's flying on its own			
1330-1400	Simulation Based Noise Modeling & Public Acceptance of UAM Aircraft	Gokul Srinivasan	robots.expert
1400-1430	Risk management for the integration of a large UAS for the first time into the European Airspace.	Reiner Exner	Euro Flight Test
1430-1500	A data-driven approach towards a detailed understanding of eVTOL operational conditions	Jan Niklas Burgkart	unisphere
1500-1530	Unmanned aerial system's Handling and Flying Qualities flight test training at International Test Pilots School	Joao Falcao	ITPS Canada Inc.
Technical Session Closing – Day 2			
Coffee Break			
Annual Business Meeting			
1600-1730	Best Paper Award SFTE EC Business Meeting		SFTE EC
Bavarian Dinner, 11 May 2022, 2000 – Bratwurst Röslein, Rathausplatz 6, 90403 Nürnberg			

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Day 3 – 12 May 2022, Airbus Defence and Space, Manching

Transfer Manching			
0900	Bus starts at Nuremberg Exhibition Center		
Technical Tour Part 1			
1030-1130	Flight Test Manching		Airbus Defence and Space, Test Center
1130-1230	Future Projects		
Lunch			
Technical Tour Part 2			
1330-1530	Airbus Drone Center	René Waldheuer	Airbus Defence and Space, Drone Center
Transfer Nuremberg			
1530	Transfer back to Nuremberg / Individual Return Trip		intermediate bus stops: Ingolstadt main train station Nuremberg Exhibition Center Nuremberg airport