

PRELIMINARY PROGRAM ETTC 2023 _v2.3.3

V2.7		Tuesday 13 June		Wednesday 14 June		
Room Guillaume		Room Guillaume 1		Room Guillaume 2		
08:00		REGISTRATION		Welcome coffee		
09:00		CONFERENCE OPENING : Welcome Introduction by		5.1	6.1	
09:30		PLENARY SESSION 9H30 - 10H10 : Fello'Fly Philippe Foucault - AIRBUS (multi awards by the aeronautical community)		5.2	6.2	
10:00				5.3	6.3	
10:30		10H10 - 10H50 : PERSEVERANCE Rover on Mars Olivier de Goursac - SAF, Planetary Society		Coffee break / Exhibitions area		
11:00		10H50-11H30 Coffee break / Exhibitions area				
11:30		Room Guillaume 1	Room Guillaume 2	Room Guillaume 1	Room Guillaume 2	
1.1	718 - Encryption of Telemetry over IP Jean-Guy Pierozak, Cédric Tavernier - Hensoldt Nexeya France	3.1	1981 - MARTA : a new system for launcher localization Quentin Lacoste - CNES	5.4	7.1	
1.2	4094 - Turnstile -- A Novel Encryption Scheme Malcolm Weir - Ampex Data Systems Corporation	3.2	6200 - Real-Time Evaluation of an Ultra-Tight GNSS/INS Integration Based on Adaptive PLL Bandwidth Gaël Pages & Benoît Priot & Guillaume Beaugendre - ISAE-SUPAERO France	5.5	7.2	
12:30		LUNCH Exhibition area		LUNCH Exhibition area		
13:00						
13:30						
14:00	2.1	984 - Unique Telemetry Requirements for a Hypersonic Telemetry System Paul Cook & Jessie Nokham - Curtiss Wright	4.1	1666 - Airborne test of a vector laser Doppler anemometer as true airspeed, angle of attack, and angle of sideslip sensor Oliver Kliebsch & Peter Mahnke & Matthias Damm - DLR Germany	3.3	7.3
14:30	2.2	467- TRMC Tools for Telemetry Gene Hudgins and Juana Secondine - TENA	4.2	9493 - LIDAR for in-flight accurate relative positioning Israel Lopez - Airbus Defence and Space Spain	3.4	7.4
15:00	2.3	2913 - BSS -- Best Source Selector implementation and performances in a test range Philippe Kläyde, Florian Sandoz - SAFRAN Data Systems	4.3	8333 - Development of a contactless measurement system for real time monitoring of a propellers flapping angle Fritz Boden - DLR Henk Jentink - NLR Rita Ponza - Hit09 Italy	3.5	7.5
15:30		Coffee break / Exhibition area / Posters Session		Coffee break / Exhibition area		
16:00		Exhibition area / Posters Session		8.1	7.6	
16:30	2.4	2950 - SDR telemetry receivers demonstration for the next-gen CSG launcher tracking stations Quenton Lacoste - CNES France	4.4	7648 - usage of Capacitive technology for Hydrogen challenges : From analog to digital Daniel Leroy & Jakkapong Sakrisuwan & Anne Marie Bonnet - Alliantech	8.2	7.7
17:00	2.5	8828 - UK National Spectrum Centre in Wales to Accelerate Spectrum Innovation and Testing - an update 3 years on. Anil Shukla & Andy King - Qinetiq Syeda Jilani - Aberystwyth University	4.5	4917 - HORNET-HSDN - Definition and qualification of a fiber optic High Speed Data Backbone for Military Aircrafts Helmut Plankl & David Becker & Roman Schmidt - Airbus Defence and Space GmbH	8.3	7.8
17:30	2.6	8528 - 5G Cellular Airborne Transceiver for AMT Achilles Kogiantis, Joseph Landi, Paul Toliver - Peraton Labs United States	4.6	4031 - Reliability of material strength tests of gas turbines using strain gages at high temperatures Maksym Klimov, Oleksandr Pohuljaiko, Oleksii Kulikov, Ihor Vernyhora, Liudmyla Marynchenko - High Precision Measurements LLC	8.4	7.9
18:00	2.7	5549 - Telemetry Spectrum Encroachment Update - ICTS - Luc Falga	4.7	8240 - Challenges regarding the Calibration of Vibration Sensors with a Digital Output Michael Mende - SPEKTRA GmbH Germany		
18:30 19:00 19:30 20:00		GALA DINNER				

1.X	Cybersecurity
2.X	Telemetry
3.X	GNSS
4.X	Sensors & Optical
5.X	Big data, AI & Machine Learning
6.X	Virtual & distributed testing & digital twins
6.X	Video & Image Processing
7.X	Test Data acquisition Network & Recording
8.X	Methods & Tools

Posters Session (Tuesday 13th of June - 15H30 to 16H30 - Exhibition area)

7.10	6908 - Moving towards a common and decentralized instrumentation architecture for ground and flight tests Ghislain Guerrero, David Lefevre, Louis-Marie Lecoeur, Damien Roux, Fabien Bichler, Bruno Soulier, Adrien Rikir and Benjamin Mersaveva - SAFRAN DATA	8.5	1871 - Real-time satellite solar cell performance monitoring using Cell Monitoring Package onboard experiment Manon Huguenin, Dominique Vergnet - Airbus Defence and Space France	8.8	371 - Real-time acquiring, processing and visualizing large datasets during a wind tunnel campaign Roel Baardman, Peter Faasse and Pim Van Zutphen - NLR	2.8	3211 - Space Telemetry Hardware -- Surviving and Measuring High Level Shocks Stephen Curran & Jessie Nockam - Curtiss Wright
3.3	1830 - SO 17025-conform assessment of GNSS corrections under the aspect of safety Ernst Phillip Mrohs & Sravan Machiraju - NavCert GmbH Germany http://navcert.de	8.6	6235 - Data Driven Platform for Smarter Testing Neil Loftus - Airbus UK Tony Goff - Dassault Systemes UK Cedric Laurent - Dynaworks (Airbus)	8.9	8772 - Airbus Defence & Space Solution for TVAC tests data supervision : DynaThermaNeo Thibaut Le Goffic & Rémi Lemandé & Yann Bouetard & Cédric Laurent - Airbus Defence and Space France	2.9	3059 - Radome Design of Telemetry Antenna for 5th Generation Aircraft Ayse Ozgul Ertanir Feza Mutlu & Duygu Kucukcelebi - Turkish Aerospace
3.4	6687- OBERON family, GNSS solutions in Flight Test Angel Labrador - Airbus DS Spain	8.7	8038 - Automated PCM Placement Fatih Haciomeroglu & Rasit Uzun & Egemen Guclu & Mehmet Yilmaz - Turkey TAI	5.6	1273 - Real-time Action Recognition for Drones: A Comparative Study of State-of-the-art Models and 3D MobileNet Mohammed El Amine Mokhtari & Matei Mancas & - University of Mons Belgium		