

TC-TF Meeting 2025
Draft Agenda

25 - 26 March 2025
FTMC Vilnius
Version 3, 2025-03-03



CENTER
FOR PHYSICAL SCIENCES
AND TECHNOLOGY



Vilnius Time (UTC+2)	Topic		Presenter
Tuesday 25 March			
09:00	Arrival and coffee		
09:30	TU.1 TU.1.1	Welcome to FTMC Approval of the agenda, Appointment of Rapporteur Introductions by the participants; changes to contact persons	Prof. Ramūnas Skaudžius Joseph Achkar
09:50	TU.2	EURAMET, BIPM and ITU information	
09:50	TU.2.1	News from EURAMET	Maguelonne Chambon ^R
10:30	TU.2.2	News from BIPM and CCTF	Patrizia Tavella ^R
10:45	TU.2.3	News from ITU	Joseph Achkar
10:55	Coffee break + Group Photo		
11:25	TU.3	UTC and Terrestrial systems for PNT services	
11:25	TU.3.1	Fiber-based Optical network for European Science and Technology FOREST	Christian Chardonnet
11:45	TU.3.2	The JRC proposal on the UTC terrestrial time backbone	Łukasz K Bonenberg
12:05	TU.3.3	New algorithm for Rapid UTC allowing an accuracy within 1 ns versus UTC	Gianna Panfilo ^R
12:20		Discussions	All
12:30	Lunch		
14:00	TU.4	Reports on ongoing EPM projects	
14:00	TU.4.1	21NRM02 Digital-IT - Metrology for digital substation instrumentation: Timing activities	Tapio Lehtonen
14:15	TU.4.2	Clock comparison campaign within the TOCK Project	Marco Pizzocaro ^R
14:30	TU.4.3	23FUN02 - CoCoRICO Controlled confinement to reduce the inaccuracy of clocks based on optical lattices	Jérôme Lodewyck ^R
14:45	TU.4.4	23FUN03 - HIOC High accuracy ion-based optical clocks	Nils Huntemann ^R
15:00	TU.4.5	23FUN04 - COMOMET Fundamental physical metrology with cold molecules - Developing the next generation of frequency standards	Gabriele Santambrogio



15:15		Discussions	All
15:25	TU.5	Update on EMNs and TF involvement	
15:25	TU.5.1	EMN for Quantum technologies	Ivo Pietro Degiovanni ^R
15:45	Coffee break		
16:15	TU.5.2	EMN for Smart Electricity Grids	Enrico Mohns ^R
16:35		Discussions	All
16:45	TU.6	Laboratory reports	
16:45	TU.6.1	Preliminary results of two comparisons: NTP/PTP server calibration and stopwatch calibration	Erik Dierikx
17:00	TU.6.2	UTC(UA) laboratory report	Volodymyr Soldatov
17:15		Discussions	All
17:30	Close		
Evening	TC-TF dinner, Vilnius		
Wednesday 26 March			
08:30	WE.1	Welcome and Introduction to day 2	Joseph Achkar
08:35	WE.2	Reports on EURAMET TC-TF projects	
08:35	WE.2.1	Research No. 1152 - GNSS receiver performance monitoring	Albin Czubla
08:45	WE.2.2	Research No. 1156 - GPS link calibrations in support of CCTF-K001.UTC	Héctor Alvarez
08:55	WE.2.3	Comparison No. 1485 - EURAMET.TF-S1 Supplementary Comparison on Time Interval Measurements	Albin Czubla
09:15	WE.2.4	Research No. 1519 - UTC(k) definition point and reference delay measurement strategies	Albin Czubla
09:30	WE.2.5	Comparison No. 1589 - Pilot Study: Comparison of Phase Noise Measurements	Enrico Rubiola ^R
09:45		Discussions	All
09:50	Coffee break		
10:20	WE.3	Other relevant projects	
10:20	WE.3.1	The SENSEI Project: leveraging optical frequency dissemination techniques for distributed sensing on fiber data networks	Cecilia Clivati ^R
10:35	WE.3.2	QKD protected fiber-based infrastructure for time dissemination	Alice Meda ^R
10:50	WE.3.3	New NAVISP ITT for long distance UTC time transfer	Elizabeth Laier English ^R

11:05		<i>Discussions</i>	<i>All</i>
11:10	WE.4	Update on EURAMET Capacity Building	
11:10	WE.4.1	Feedback from TF training course at ROA and Update on CaBuCo project	Tanasko Tasic ^R
11:25		<i>Discussions</i>	<i>All</i>
11:30	WE.5	Other TC-TF activities	
11:30	WE.5.1	Update on the TC-IM 1448 project - Development of DCC	Carlos Pires
11:35	WE.5.2	CMC changes and reviews, TC-TF roadmap update Updates on Legal Time Regulations and Practices Incoming TC-TF chair, Carlos Pires (IPQ) Any other business	Joseph Achkar, <i>All</i>
11:55	WE.5.3	Venue for 2026 meeting	
12:00	Lunch		
14:00		Visit to FTMC Time and Frequency Laboratories	
16:00	Close		

^R *remote presentation*

Note: Remote presentation is an option for presenters who cannot travel to Vilnius. Remote participation is not an option.