

2023 EFTS Week Schedule

Time	Mon, June 26, D	Tue, June 27	Wed, June 28	Thu, June 29	Fri, June 30	Colors
8:15	7:30–8:30 Registration	Coffee	Coffee	Coffee	Coffee	Logistics & events
8:30 – 9:20	8:30 Welcome and Introduction to TF Y. Le Coq, SYRTE & FIRST-TF	Relativity F. Meynadier BIPM, Int'l	FS Combs C. Clivati, INRiM, IT	Synchronization over Digital Networks M. Langer, PTB, DE	8:30–11:30 Laboratory 3. SDR, GPS & PRN 5. Atomic clock 6. Resonators	Lectures
9:20 – 10:10	Introduction to Oscillators E. Rubiola, FEMTO, FR	Intro Atomic Clocks G. Mileti, LTF, CH	Small Clocks C.Affolderbach, LTF, CH	Ultrastable lasers, applications & challenges Uwe Sterr, PTB, DE		Labs / computer
10:10 – 10:40	Coffee & cookies	Coffee & cookies	Coffee & cookies	Coffee & cookies		Welcome & Closing
10:40 – 11:30	Phase Noise E. Rubiola, FEMTO, FR	Atomic Time Scales F. Meynadier BIPM, Int'l	Satellite Synch P. Defraigne, ROB, BE	Optical Clocks J. Lodewyck, SYRTE, FR		Contents By color
11:30 – 12:20	Variances F. Vernotte, FEMTO, FR	Atomic Clock Physics G. Mileti, LTF, CH	Optical fiber links C. Clivati, INRiM, IT	Bose-Einstein Cond. Florian Schreck Univ. Amsterdam, NL	11:30 Quick coffee 11:45–12:30 Historical Perspective F.Vernotte, FEMTO	Chapter 1 General & Applications Enrico Rubiola
12:20 – 13:50	Lunch	Lunch	Lunch	Lunch		Chapter 2 Meas & Oscillators Enrico Rubiola
13:50 – 14:40	Controls Frederic Du Burck, LPL, FR	Stabilized Lasers C.Lacroute, FEMTO	Cold Atoms C. Lacroute, FEMTO	Clock Synchronization Security M. Langer, PTB, DE	12:30–12:45 Closing 12:45–14:15 Lunch	Chapter 3 Atomic Clocks Gaetano Mileti
14:40 – 15:30	Quartz Oscillators Bernd Neubig, Axtal Consulting, DE	Navigation & GNSS P.Defraigne ROB, BE	Coffee	Coffee	14:15–16:15 Visit, Observatory or FEMTO-ST	Chapter 4 Timing & Transfer Francois Vernotte
15:30 – 16:00	Coffee	Coffee	15:10–17:10 Laboratory 3. SDR, GPS & PRN 4. GPS RX, RINEX	15:00–18:00 Laboratory 3. SDR, GPS & PRN 5. Atomic clock 6. Resonators		Laboratories Y.Gruson, J.M.Friedt, E.Rubiola
16:00 – 18:00	Laboratory 1. PM/AM noise, 2. Data Analysis	Laboratory 1. PM/AM noise, 2. Data Analysis	17:10 Go downtown		You are free	
18:00 – 19	Posters, beer and chips at the TF Department (ethanol-free drinks too)	(free time)	Visit at the Museum of Time, and Drink	(free time)	Lecture rooms Thu AM: P. Mesnage Otherwise: Jules Haag	Updated February 16, 2023
19 – 20				Go to the pier		Changes may be necessary
20 – 21:30	Dinner on your own	Dinner on your own	Dinner on your own	Social Dinner		
21:20 – 24	Backup for the Astronomy session, depending on weather	Astronomy depending on weather	Last chance for the Astronomy session, depending on weather	Boat on the river 19:30 (at leaves at 19:45)		