

2022 EFTS Week Schedule

Time	Mon, July 4	Tue, July 5	Wed, July 6	Thu, July 7	Fri, July 8	Colors
8:15	7:30–8:30 Registration	Coffee	Coffee	Coffee	Coffee	Logistics & events Lectures Labs / computer Welcome & Closing
8:30 – 9:20	8:30 Welcome and Introduction to TF Y. Le Coq, SYRTE & FIRST-TF	Relativity G. Petit, BIPM, Int'l	Navig / GNSS P. Defraigne, ROB (BE)	Synch over the Internet K. Teichel, PTB, DE	8:30–11:30 Laboratory 3. SDR, GPS & PRN 5. Atomic clock 6. Resonators	Contents By color Chapter 1 General and Applications Enrico Rubiola
9:20 – 10:10	Introduction to Oscillators E. Rubiola, FEMTO, FR	Intro Atomic Clocks G. Miletì, LTF, CH	FS Combs J.Kronjaeger, PTB, DE	Scient.appl.of fiber links Cecilia Clivati, INRIM, IT		
10:10 – 10:40	Coffee & cookies	Coffee & cookies	Coffee & cookies	Coffee & cookies		
10:40 – 11:30	Phase Noise E. Rubiola, FEMTO, FR	Atomic Time Scales G. Petit, BIPM, Int'l	Satellite Synch P. Defraigne, ROB (BE)	Optical Clocks J. Lodewyck, SYRTE, FR	11:30 Quick coffee 11:45–12:30 Historical Perspective F.Vernotte, FEMTO 12:30–12:45 Closing 12:45–14:15 Lunch	Chapter 2 Meas & Oscillators Enrico Rubiola
11:30 – 12:20	Variances F. Vernotte, FEMTO, FR	Atomic Clock Physics G. Miletì, LTF, CH	Optical fiber links J.Kronjaeger, PTB, DE	Applications of TF in Fundamental Physics P. Delva, SYRTE, FR		
12:20 – 13:50	Lunch	Lunch	Lunch	Lunch	14:15–16:15 Visit, Observatory or FEMTO-ST You are free	Chapter 3 Atomic Clocks Gaetano Miletì
13:50 – 14:40	Controls Frederic Du Burck, LPL, FR	Stabilized Lasers C.Lacroute, FEMTO	Cold Atoms C. Lacroute, FEMTO	IT & Security in Clock Synchronization K. Teichel, PTB, DE		
14:40 – 15:30	Quartz Oscillators Bernd Neubig, Axtal, DE	Small Clocks G. Miletì, LTF, CH	Coffee	Coffee	17:10 Go downtown	Chapter 4 Timing & Transfer Francois Vernotte
15:30 – 16:00	Coffee	Coffee	15:10–17:10 Laboratory	15:00–18:00 Laboratory		
16:00 – 18:00	Laboratory 1. PM/AM noise, 2. Data Analysis	Laboratory 1. PM/AM noise, 2. Data Analysis	3. SDR, GPS & PRN 4. GPS RX, RINEX	3. SDR, GPS & PRN 5. Atomic clock 6. Resonators		
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	Red: online lectures
19 – 20				Go to the restaurant		
20 – 21:30	Dinner on your own	Dinner on your own	Dinner on your own	Social Dinner Boat on the river (be on time!)	Last update June 23, 2022	Changes may be necessary
21:20 – 24	Backup for the Astronomy session, depending on weather	Astronomy depending on weather	Last chance for the Astronomy session, depending on weather			