

2021 EFTS Week Schedule

Time	Mon, June 28	Tue, June 29	Wed, June 30	Thu, July 1	Fri, July 2	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	IT & security, or K. Teichel, PTB (D)	Cold Atoms C. Lacroute, FEMTO	Small Clocks Ch. Affolderbach,	8:30–11:30 Laboratory 3. SDR, GPS & PRN 5. Atomic clock 6. Resonators	Contents By color Chapter 1 General and Applications Enrico Rubiola Chapter 2 Meas & Oscillators Enrico Rubiola Chapter 3 Atomic Clocks Gaetano Mileti Chapter 4 Timing & Transfer Francois Vernotte Laboratories Y.Gruson, J.M.Friedt, E.Rubiola
9:20 – 10:10	Oscillators Primer E. Rubiola or Y. Le Coq	Relativity G. Petit, BIPM (Int'l)	Navig / GNSS A. Bauch, PTB (DE)	The redefinition of the SI second N.Dimarcq, OCA		
10:10 – 10:40	Coffee & cookies	Coffee & cookies	Coffee & cookies	Coffee & cookies		
10:40 – 11:30	Phase Noise Enrico Rubiola, FEMTO	Intro Atomic Clocks G. Mileti, LTF (CH)	Satellite Synch A. Bauch, PTB (DE)	Optical Clocks J. Lodewyck, SYRTE (F)		
11:30 – 12:20	Variances Francois Vernotte, FEMTO	Atomic Time Scales G. Petit, BIPM (Int'l)	FS Combs J.Kronjaeger, NPL,UK	Digital Electronics for TF C. E. Calosso, INRiM (IT)	11:30 Quick coffee 11:45-12:30 Historical Perspective F.Vernotte, OB (F)	
12:20 – 13:50	Lunch	Lunch	Lunch	Lunch COVID PCR test	12:30–12:45 Closing 12:45–14:15 Lunch	
13:50 – 14:40	Controls Frederic Du Burck, LPL	Atomic Clock Phys G. Mileti, LTF (CH)	Sync over Fibers J.Kronjaeger, NPL,UK	White Rabbit Anders Wallin, VTT (FL)	14:15–16:00 Visit at the Observatory	
14:40 – 15:30	Quartz Oscillators Bernd Neubig, Axtal (D)	Stabilized Lasers C. Lacroute, FEMTO	Coffee	Coffee		
15:30 – 16:00	Coffee	Coffee	15:10–17:10 Laboratory	15:00–18:00 Laboratory	You are free	
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 17:10 Go downtown	3. SDR, GPS & PRN 5. Atomic clock 6. Resonators		
18:00 – 19	Visit at FEMTO-ST	Backup for the Observatory visit. Depends on weather for the Astronomy session	Visit at the Museum of Time, and Drink	(free time)	Lecture rooms Thu AM: Du Chatelet Otherwise: Jules Haag	Blue: on site lecture Red: online lecture Subject to change Online labs will be scheduled later Last update May 26, 2021
19 – 20				19:30 bus to the restaurant		
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 (if possible)	Last chance for the Astronomy session, depending on weather			