

# 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, SYRTE, FR	IT & security, or K. Teichel, PTB, DE	Cold Atoms C. Lacroute, FEMTO	Small Clocks C.Affolderbach, LTF, CH	8:30–11:30 Laboratory  3. SDR, GPS & PRN 5. Atomic clock 6. Resonators	<b>Contents</b> By color  <b>Chapter 1</b> General and Applications Enrico Rubiola  <b>Chapter 2</b> Meas & Oscillators Enrico Rubiola  <b>Chapter 3</b> Atomic Clocks Gaetano Mileti  <b>Chapter 4</b> Timing & Transfer Francois Vernotte  <b>Laboratories</b> Y.Gruson, J.M.Friedt, E.Rubiola
9:20 – 10:10	Introduction to Oscillators E. Rubiola, FEMTO, FR	Relativity G. Petit, BIPM, Int'l	Navig / GNSS A. Bauch, PTB (DE)	The redefinition of the SI second N. Dimarcq, OCA, FR		
10:10 – 10:40	Coffee & cookies	Coffee & cookies	Coffee & cookies	Coffee & cookies		
10:40 – 11:30	Phase Noise E. Rubiola, FEMTO, FR	Intro Atomic Clocks G. Mileti, LTF, CH	Satellite Synch A. Bauch, PTB (DE)	Optical Clocks J. Lodewyck, SYRTE, FR		
11:30 – 12:20	Variances F. Vernotte, FEMTO, FR	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 PCR test (003/004)	12:30–12:45 Closing 12:45–14:15 Lunch	
13:50 – 14:40	Controls Frederic Du Burck, LPL, FR	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, DE	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 a visit, depending 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	
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	Blue: on site lecture Red: online lecture Subject to change  Online labs will be scheduled later	
21:20 – 24	Backup for the Astronomy session, depending on weather	Astronomy (if possible)	Last chance for the Astronomy session, depending on weather			

Last update  
June 23, 2021