

## 2021 EFTS Week Schedule – Preliminary

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
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 Lab 5	Labs / computer Welcome & Closing
9:20 – 10:10	Oscillators Primer (lecturer appointed later)	Relativity G.Petit, BIPM (Int'l)	Navig / GNSS A. Bauch, PTB (D)	Invited TBD		Atoms
10:10 – 10:40	Coffee & cookies	Coffee & cookies	Coffee & cookies	Coffee & cookies	Resonators / GPS-RX / Rinex	Chapter 1 General and Applications E. Rubiola
10:40 – 11:30	Phase Noise E.Rubiola, FEMTO	Intro Atomic Clocks G.Mileti, LTF (CH)	Satellite Synch A. Bauch, PTB (D)	Optical Clocks J.Lodewyck, SYRTE (F)		11:30 Quick coffee
11:30 – 12:20	Variances F.Vernotte, FEMTO	Time Scales G.Petit, BIPM (Int'l)	FS Combs J.Kronjaeger, NPL,UK	Digital Electronics for TF C.Calosso, INRIM (IT)	11:45–12:30 Historical Perspective F.Vernotte, OB (F)	Chapter 3 Atomic Clocks G. Mileti
12:20 – 13:50	Lunch	Lunch	Lunch	Lunch	12:30–12:45 Closing	Chapter 4 Timing & Transfer F. Vernotte
13:50 – 14:40	Controls F. Du Burck, LPL	Atomic Clock Phys G.Mileti, LTF (CH)	Sync over Fibers J.Kronjaeger, NPL,UK	White Rabbit Anders Wallin, VTT (FL)	12:45–14:15 Lunch	
14:40 – 15:30	Quartz Oscillators (lecturer appointed later)	Stabilized Lasers C.Lacroute, FEMTO	Coffee	Coffee	14:15–16:00 Visit at FEMTO-ST	Laboratories Y. Gruson & E. Rubiola
15:30 – 16:00	Coffee	Coffee	15:10–17:10 Lab 3 GPS, PRN, RINEX	15:00–18:00 Lab 4 Atoms Resonators/PRN/GPS		
16:00 – 18:00	Lab 1 PM/AM noise, Data Analysis	Lab 1 PM/AM noise, Data Analysis	17:10 Go downtown	Go downtown	You are free	Last update December 3, 2020
18:00 – 19	Visit at the Observatory	Backup for the Observatory visit. Depends on weather for the Astronomy session	Visit at the Museum of Time, and Drink			
19 – 20			Dinner on your own	Social Dinner downtown		
20 – 21:30	Dinner on your own	Dinner on your own				
21:20 – 24	Backup for the Astronomy session, depending on weather	Astronomy	Last chance for the Astronomy session, depending on weather			