

2020 EFTS Week Schedule – Preliminary

Time	Mon, June 29	Tue, June 30	Wed, July 1	Thu, July 2	Fri, July 3	Colors Logistics & events Lectures Labs / computer Welcome & Closing
8:15	7:30–8:30 Registration	Coffee	Coffee	Coffee	Coffee	
8:30 – 9:20	8:30 Welcome and Introduction to TF Y. Le Coq	Time, IT and Security K.Teichel, PTB (D)	Cold Atoms C.Lacroute, FEMTO	Small Clocks Ch.Affolderbach,	8:30–11:30 Lab 5 Atoms Resonators / GPS-RX / Rinex	Contents By color Chapter 1 General and Applications E. Rubiola
9:20 – 10:10	Oscillators Primer J.P. Aubry (F)	Navig / GNSS A. Bauch, PTB (D)	Relativity G.Petit, BIPM (Int'l)	Deep Space Atomic Clock E. Burt, JPL/NASA (USA)		
10:10 – 10:40	Coffee & cookies	Coffee & cookies	Coffee & cookies	Coffee & cookies		Chapter 2 Meas & Oscillators E. Rubiola
10:40 – 11:30	Phase Noise E.Rubiola, FEMTO	Satellite Synch A. Bauch, PTB (D)	Time Scales G.Petit, BIPM (Int'l)	Optical Clocks J.Lodewyck, SYRTE (F)		Chapter 3 Atomic Clocks G. Mileti
11:30 – 12:20	Wavelet Variances F.Vernotte, FEMTO	Introduction to Atomic Clocks G. Mileti, LTF (CH)	FS Combs J.Kronjaeger, NPL,UK	Digital Electronics for TF C.Calosso, INRiM (IT)	11:30 Quick coffee 11:45-12:30 Historical Perspective F.Vernotte, OB (F)	Chapter 4 Timing & Transfer F. Vernotte
12:20 – 13:50	Lunch	Lunch	Lunch	Lunch	12:30–12:45 Closing 12:45–14:15 Lunch	Laboratories Y. Gruson & E. Rubiola
13:50 – 14:40	Controls F. Du Burck, LPL (F)	Atomic Clock Physics G.Mileti, LTF (CH)	Frequency Transfer over Fibers J.Kronjaeger, NPL,UK	White Rabbit Anders Wallin, VTT (FL)	14:15–16:00 Visit at FEMTO-ST	Last update February 6, 2020
14:40 – 15:30	Quartz Oscillators J.P. Aubry (F)	Stabilized Lasers C.Lacroute, FEMTO	Coffee	Coffee		
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	You are free	
16:00 – 18:00	Lab 1 PM/AM noise, Data Analysis	Lab 1 PM/AM noise, Data Analysis	17:10 Go downtown			
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	Go downtown		
19 – 20						
20 – 21:30	Dinner on your own	Dinner on your own	Dinner on your own	Social Dinner downtown		
21:20 – 24	Backup for the Astronomy session, depending on weather	Astronomy	Last chance for the Astronomy session, depending on weather			