

# 2019 EFTS Week Schedule

# Preliminary

Time	Mon, July 1	Tue, July 2	Wed, July 3	Thu, July 4	Fri, July 5	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 or E. Rubiola	Synch in Networks J.P. Aubry (F/CH)	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/CH)	Relativity G.Petit, BIPM (Int'l)	Navig / GNSS P.Defraigne, ROB (B)	The New SI T. Quinn		
10:10 – 10:40	Coffee & cookies	Coffee & cookies	Coffee & cookies	Coffee & cookies		
10:40 – 11:30	Phase Noise E.Rubiola, FEMTO	Intro Atomic Clocks G.Mileti, LTF (CH)	FS Combs G. Santarelli	Optical Clocks L. De Sarlo, SYRTE (F)		
11:30 – 12:20	Variances F.Vernotte, FEMTO	Time Scales G.Petit, BIPM (Int'l)	Satellite Synch P.Defraigne, ROB (B)	Nuclear Clocks TBD, PTB (D)		
12:20 – 13:50	Lunch	Lunch	Lunch	Lunch	11:30 Quick coffee	Chapter 2 Meas & Oscillators E. Rubiola
13:50 – 14:40	Controls G.Cabodevila, FEMTO	Atomic Clock Phys G.Mileti, LTF (CH)	Sync over Fibers G. Santarelli	White Rabbit TBD, CERN (Int'l)	11:45-12:30 Historical Perspective F.Vernotte, OB (F)	
14:40 – 15:30	Quartz Oscillators J.P. Aubry (F/CH)	Stabilized Lasers C.Lacroute, FEMTO	Coffee	Coffee	12:30–12:45 Closing	Chapter 3 Atomic Clocks G. Mileti
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	12:45–14:15 Lunch	
16:00 – 18:00	Lab 1 PM/AM noise, Data Analysis	Lab 1 PM/AM noise, Data Analysis			17:10 Go downtown	14:15–16:00 Visit at FEMTO-ST
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	You are free	Laboratories Y. Gruson & E. Rubiola
19 – 20						
20 – 21:30	Dinner on your own	Dinner on your own	Dinner on your own	Social Dinner downtown	Last update	
21:20 – 24	Backup for the Astronomy session, depending on weather	Astronomy	Last chance for the Astronomy session, depending on weather			