

## 2015 EFTS Week Schedule

Time	Mon 29 June	Tue 30 June	Wed 1 July	Thu 2 July	Fri 3 July	Colors
8:30 – 9:20	8:30–9:00 Registration 9:00 Welcome	Quartz oscillators Jean-Pierre Aubry	Synch over net Jean-Pierre Aubry	Small clocks Ch. Affolderbach		Logistics & events Lectures Labs / computer Welcome & Closing
					8:45 Coffee	
9:20 – 10:10	Introduction to TF Noel Dimarcq	Relativity Gerard Petit	Stabilized lasers Clement Lacroute	Millisec pulsars Ismael Cognard	9:00 Optical Clocks Luigi De Sarlo	Minor changes are possible
					9:50 Sensors Sylvain Ballandras	
10:10 – 10:40	Coffee break	Coffee break	Coffee break	Coffee break		
10:40 – 11:30	Oscillator primer Jean-Pierre Aubry	Intro Atomic clocks Gaetano Mileti	Cold atoms Clement Lacroute	10:40–12:40 Lab 4 GPS/PRN Fiber	10:40 Historical Francois Vernotte	
11:30 – 12:20	Measurements / $S\phi$ Enrico Rubiola	Time scales Gerard Petit	Navig / GNSS Pascale Defraigne		(15M spare) 11:45 Closing	
12:20 – 13:50	Lunch	Lunch	Lunch	12:40 Lunch	12:00 Lunch	Contents By color
13:50 – 14:40	Measurements / $\sigma$ Francois Vernotte	Atomic clock physics Gaetano Mileti	Satellite synch Pascale Defraigne	14:10 White Rabbit T. Wlostowski	13:30–15:30 Lab 6 Atoms / WR / Opt	
14:40 – 15:30	Controls Gonzalo Cabodevila	Coffee (close to lab)	Sync over fibers Anne Amy Klein	15:00 FS combs Anne Amy Klein	15:30–17:30 Visit	Chapter 2 Meas & oscillators E. Rubiola
15:30 – 16:00	Coffee break	15:10–17:10 Lab 2 PM/AM noise Data analysis	Coffee break	15:50–16:20 Coffee		
16:00 – 18:00	Lab 1 PM/AM noise Data analysis	– Go downtown –	Lab 3 GPS/PRN Fiber	16:20–18:20 Lab 5 Atoms / WR / Opt		Chapter 3 Atomic clocks G. Mileti
18:00 – 19	Visit		– Free –	– Free –		
19 – 20		Dinner on your own	Drink Museum of Time	Dinner on your own	Go downtown	
20 – 21	Social dinner downtown					
20 – 22:30		(Take a rest, you deserve)				
22:30 – 24	Astronomy sessions Wed (preferred), Mon, or Tue, depending on weather					Last update: 10 June 2015

All lectures are in rooms –104/–105. Rooms for labs and classroom work will be communicated later.