		EFTS	2014 – Week s	schedule						
Times	Day									
Time	Mon 30 June	Tue 1 July	Wed 2 July	Thu 3 July	Fri 4 July	Colors				
8:30 - 9:00	8:30-9:20				– Free –	Logistics & events				
9:00 – 9:50	Registration	Intro Atomic clocks	Relativity Gerard Petit Time scales Gerard Petit	Stabilized lasers	9:30 Coffee 9:45 Optical Clocks Jerome Lodewyck 10:35 Leeson effect	Lectures Labs / computer Welcome & Closing				
	9:25 Welcome	Gaetano Mileti		Clement Lacroute						
9:50 - 10:40	Introduction to TF Noel Dimarcq	Space projects Noel Dimarcq		Small clocks Ch. Affolderbach						
10:40 - 11:10	Coffee break	Coffee break	Coffee break	Coffee break	Enrico Rubiola					
11:10 – 12:00	Oscillator primer Jean-Pierre Aubry	Synch over net Jean-Pierre. Aubry	Satellite synch Andreas Bauch	Lab 4 Atomic clocks Optical fibers	11:25 Servo loops Gonzalo Cabodevilla					
12:00 – 12:50	Measurements / Sφ	White Rabbit	VLBI K. Ulrich Schreiber		(15M margin)					
12:00 – 12:50	Enrico Rubiola	Javier Serrano			12:30 Closing					
12:50 - 14:20	Lunch	Lunch	Lunch	Lunch	Lunch					
14:20 – 15:10	Measurements / σy David A. Howe	Lab 2 GPS / PRN SAW devices	Navig / GNSS Andreas Bauch	Cold atoms Clement Lacroute	Lab 6					
15:10 – 16:00	Quartz oscillators Jean-Pierre Aubry		Sync over fibers Anne Amy Klein	FS combs Anne Amy Klein	Data analysis					
16:00 - 16:30	Coffee break	Coffee break	Coffee break	Coffee break						
16:30 – 17:20	Lab 1	Atomic clock physics Gaetano Mileti	Lab 3-2 SAW devices GPS / PRN	Lab 5 Optical fibers Atomic clocks	16–17:30 Visit					
17:20 - 18:10	PM/AM noise	– Go downtown –								
18:10 – 19	_ Visit		– Free –	– Free –						
19 – 20		Drink		Go downtown						
20 – 21	Dinner on your own	Museum of Time	Dinner on your own	Social dinner downtown		Last update: 17 May 2014				
20 – 22:30										
22:30 - 24	Astronomy	sessions, depending of	n weather							

Adjustments will be made to allow 2 H (full) to lab sessions, at (moderate) expenses of breaks and free time. Contents subject to minor changes.

No.	Topic	Groups	Equip	Hours	Repeat	Fill			
1	Sφ and σy, #1	1	1	1	2	0.5	In groups of 6 with one instructor, do		
2	Sφ and σy, #2	1	1	1	2	0.5	two one-hour experiments. Not all do the same thing. This takes the full Monday slot.		
3	Sφ and σy, #4	1	1	1	2	0.5			
4	Sφ and σy, #4	1	1	1	2	0.5	Total 2H lab for everybody		2
5	GPS	1	3	1	4	1	Split the group into 3 pairs	Rotating the 4	3
6	PRN	1	3	1	4	1	Split the group into 3 pairs	groups takes 2 x 2H	4
7	Fiber	1	1	1	4	1			5
8	Dual-fiber	1	1	1	4	1			6
9	Stable 32	2	6	2	2	2	Work in 6 pairs, one PC each		8
10	Rb clock	1	1	1	4	1			9
11	Cs clock	1	1	1	4	1			10
12	SAW	1	1	1	4	1	Was 2 H in 2013		11
12	Sapphire	1	1	1	4	1	New? Otherwise keep 2H for SAW		12
13									
14									