

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 | IT & security, or Synch in Networks TBD | Cold Atoms C.Lacroute, FEMTO | Small Clocks Ch.Affolderbach, | 8:30–11:30 Lab 5 | Contents By color |
| 9:20 – 10:10 | Oscillators Primer J.P. Aubry (F/CH) | Navig / GNSS A. Bauch, PTB (D) | Relativity G.Petit, BIPM (Int'l) | Digital Electronics C.Calosso, INRiM (IT) | 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 | Satellite Synch A. Bauch, PTB (D) | Time Scales G.Petit, BIPM (Int'l) | Optical Clocks J.Lodewyck, SYRTE (F) | | |
| 11:30 – 12:20 | Variances F.Vernotte, FEMTO | Introd Atomic Clocks G. Mileti, LTF (CH) | FS Combs J.Kronjaeger, NPL,UK | Invited TBD | 11:30 Quick coffee | Chapter 2 Meas & Oscillators E. Rubiola |
| | | | | | 11:45-12:30 Historical Perspective F.Vernotte, OB (F) | |
| 12:20 – 13:50 | Lunch | Lunch | Lunch | Lunch | 12:30–12:45 Closing | Chapter 3 Atomic Clocks G. Mileti |
| | | | | | 12:45–14:15 Lunch | |
| 13:50 – 14:40 | Controls F. Du Burck, LPL | Atomic Clock Phys G.Mileti, LTF (CH) | Frequency Transfer over Fibers J.Kronjaeger, NPL,UK | White Rabbit Anders Wallin, VTT | | Chapter 4 Timing & Transfer F. Vernotte |
| 14:40 – 15:30 | Quartz Oscillators J.P. Aubry (F/CH) | Stabilized Lasers C.Lacroute, FEMTO | Coffee | Coffee | 14:15–16:00 Visit at FEMTO-ST | |
| 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 | | Laboratories Y. Gruson & E. Rubiola |
| 16:00 – 18:00 | Lab 1 PM/AM noise, Data Analysis | Lab 1 PM/AM noise, Data Analysis | 17:10 Go downtown | | You are free | |
| 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 | | Last update February 3, 2020 |
| 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 | | | |

| | | | 2020 EFTS Laboratories | | | | | | Last update February 3, 2020 | | | |
|-----------|---|-------|---|-------|--|-------------|--|---|------------------------------|---|--|-------------|
| Group | Mon 29 16:00–18:00 | | Tue 30 16:00–18:00 | | Wed 1 15:10 – 17:10 | | Thu 2 15:00 – 18:00 | | | Lab 5, Fri 3 8:30 – 11:30 | | |
| | 16–17 | 17–18 | 16–17 | 17–18 | 15:10–16:10 | 16:10–17:10 | 15–16 | 16–17 | 17–18 | 8:30–9:30 | 9:30-10:30 | 10:30–11:30 |
| Ar | Spectra Y.Gruson, J. Millo, N. Cholley, E.Rubiola Transfert 1 | | Data Analysis F. Vernotte Computers 1.32.32 | | PRN, GPS Signal JM.Friedt Computers 1.32.32 | | Atoms C.Lacroute + M. Delehaye Transfert 2 Small Cs clock, 12 people in 4 groups of 3 | | | Resonator S.Galliou Transfert 1 | GPS RX F.Meyer, E.Meyer N.Gautherot P-019 "Design" | |
| Be | | | | | | | | | | Resonator Giordano Transfert 1 | | |
| Cs | Data Analysis F. Vernotte Computers 1.32.32 | | Spectra Y.Gruson, J. Millo, N. Cholley, E.Rubiola Transfert 1 | | GPS RX F.Meyer, E.Meyer N.Gautherot P-019 "Design" | | Resonator S.Galliou Transfert 1 | PRN, GPS Signal JM.Friedt Computers 1.32.32 | | | Atoms C.Lacroute + M. Delehaye Transfert 2 Small Cs clock, 12 people in 4 groups of 3 | |
| Dy | | | | | | | Resonator Giordano Transfert 1 | | | | | |
| Er | Data Analysis F. Vernotte Computers 1.32.32 | | free | | Spectra Y.Gruson, J. Millo, N. Cholley, E.Rubiola Transfert 1 | | free | free | free | PRN, GPS Signal JM.Friedt Computers 1.32.32 | | free |
| F | free | | Data Analysis F. Vernotte Computers 1.32.32 | | | | free | free | free | | | free |

| Groups | | | | | | |
|--------|----------------|-----------|--------|------------|--------------------------------|----------|
| | Regular groups | | | | Additional groups (fewer labs) | |
| | Argon | Beryllium | Cesium | Dysprosium | Erbium | Fluorine |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |