

## HARMONIC and MULTIFRACTAL ANALYSES: From Mathematics to Quantitative Neurosciences / SUMMER 2020

| WEEK 1<br>June, 29 | MONDAY         | TUESDAY        | WEDNESDAY                             | THURSDAY | FRIDAY   |
|--------------------|----------------|----------------|---------------------------------------|----------|----------|
| 9:30-11:00         | S. Jaffard (1) | S. Jaffard (2) | S. Jaffard (3)                        | Talk 1.1 | Talk 1.5 |
| 11:00-11:30        | discussion     | discussion     | discussion                            | Talk 1.2 | Talk 1.6 |
| 13:30-15:00        | S. Seuret (1)  | C. Melot (2)   | C. Melot (3)                          | KEYNOTE  |          |
| 15:30-16:30        | S. Seuret (2)  | U. Molter (1)  | C-Course:<br><i>Numerical methods</i> | Talk 1.3 | Talk 1.7 |
| 16:30-17:30        | C. Melot (1)   | U. Molter (2)  |                                       | Talk 1.4 | Talk 1.8 |

| WEEK 2<br>July, 06 | MONDAY       | TUESDAY      | WEDNESDAY    | THURSDAY   | FRIDAY     |
|--------------------|--------------|--------------|--------------|------------|------------|
| 9:30-11:00         | P. Abry (1)  | P. Abry (2)  | H. Wendt (3) | Talk 2.5   | Talk 2.7   |
| 11:00-11:30        | discussion   | discussion   | discussion   | discussion | discussion |
| 13:30-15:00        | H. Wendt (1) | H. Wendt (2) | Talk 2.3     | Talk 2.6   | Talk 2.8   |
| 15:30-16:15        | Talk 2.1     | Talk 2.2     | Talk 2.4     | Clinic (1) | Clinic (2) |
| 16:30-17:30        | Hands-on (1) | Hands-on (2) | Hands-on (3) |            |            |

| WEEK 3<br>July, 13 | MONDAY        | TUESDAY       | WEDNESDAY  | THURSDAY       | FRIDAY       |
|--------------------|---------------|---------------|--|----------------|--------------|
| 9:30-11:00         | P. Ciuciu (1) | P. Ciuciu (2) | A.Peyrache (1)   | A.Peyrache (2) | Talk 3.7     |
| 11:00-11:30        | discussion    | discussion    | discussion   | discussion     | Talk 3.8     |
| 13:30-15:00        | Talk 3.1      | KEYNOTE       | JM. Lina   | Talk 3.6       | K. Jerbi (1) |
| 15:30-16:15        | Talk 3.2      | Talk 3.4      | C-Course:<br><i>from math to methods in neuroscience</i> | Clinic (3)     | K. Jerbi (2) |
| 16:30-17:30        | Talk 3.3      | Talk 3.5      |  |                |              |

**C-course:** a crash course about numerical methods and available softwares.

**Hands-on:** sessions of training with available softwares and benchmark data.

**Clinic:** sessions of training with numerical applications on private data.