



Deliverable 7.4: Online Seminars Plan



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Josephine Seminar Series | JSS

As part of achieving the various objectives of the project, the consortium will hold a series of seminars called *Josephine Seminars*, in which consortium members, as well as external guests working on topics related to the project's objectives, will give scientific talks.

The seminars will be **online** and **open**, meaning scientists from all over the world can participate. Each seminar will last 45 minutes plus 15 minutes for questions. The platform used will be Zoom. Between 3 and 4 seminars will be organized annually. The first seminar is expected to be in the first week of November 2024.

The scientific organization of the seminar is the responsibility of the CSIC node with administrative support from the CNRS node.

The names of the speakers, both internal and external, will be suggested by the consortium members. The seminar will be publicized through the website and by using the mailing lists of each project member, who can invite scientists working in related research fields to participate.

A provisional, not complete list of topics to be addressed over the years is the following:

- Devices built with unconventional and high-temperature superconductors
- Dynamics of Josephson junctions out of equilibrium
- Electronic elements for neuromorphic computing
- Superconducting structures with magnetic materials

The topics and guests may vary according to the progress of the project and the achievement of its objectives. Additionally, the weekday and exact time may be adjusted according to geographical location and the availability of the speaker



Tentative schedule of JSS for 2024 / 2025

The seminars will take place every three/four months, depending on the availability of the speaker and consortium members.

November 6th, 2024 | 3:00 PM

- Josephine Seminar Series | JSS #1
- **Magnetization dynamics features in $\phi 0$ Josephson junctions**
- SPEAKER: **Andrei Mazanik (CFN-CSIC)**

February 19th, 2025 | 11:00 AM

- Josephine Seminar Series | JSS #2
- **Neuromorphic computing**
- SPEAKER: **Frank Mizrahi (THALES)**

May 7th, 2025 | 3:00 PM

- Josephine Seminar Series | JSS #3

September 3rd, 2025 | 3:00 PM

- Josephine Seminar Series | JSS #4

December 3rd, 2025 | 3:00 PM

- Josephine Seminar Series | JSS #5

