

# TFSRF 2024 - 11<sup>th</sup> EDITION

*THIN FILMS AND NEW IDEAS FOR PUSHING  
THE LIMITS OF RF SUPERCONDUCTIVITY*

# WELCOME

SEPTEMBER 16<sup>th</sup> - 20<sup>th</sup>, 2024

## International Organizing Committee:

C.Z. Antoine (CEA, France), *Chair*  
A. Gurevich (Old Dominion University Univ, USA)  
C. Pira (INFN LNL)  
T. Saeki (KEK, Japan)  
A.- M. Valente-Feliciano (Jefferson Lab, USA)  
R. Valizadeh (STFC, UK)  
W. Venturini (CERN, Switzerland)

## Local Organizing committee:

C.Z. Antoine (CEA)  
Y. Kalboussy (CEA)  
D. Longuevergne (IJCLAB)  
A. Miyazaki (IJCLAB)  
T. Proslie (CEA)

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université  
PARIS-SACLAY



# SRF Thin film Series

## since 2005...



- Has been alternatively every 2 years by IJCLAB and INFN Legnaro (except 2020)
- This 2024 edition is special
  - For the first time it is organized somewhere else (work should be shared among the community)
  - We propose to work on a common road map, at the European level... Or more.
  - It is sponsored by the European Project IFAST (no fee this year!)



# Bringing a community together...

- The primary aim of the workshop is to provide a collaborative environment as **open, inclusive** and **diverse** as possible, to foster **discussion** and **new ideas**.
- Initially the workshop has never been limited to thin films, but since our community and new ideas have been flourishing over the past years... and our time is limited... we had to make choices, mostly centered around thin films.
- List of topics:
  - SRF limits + focus on deposition modeling
  - Nb Thin film technology
  - Beyond Nb
  - Advanced substrates
  - Characterization
  - Functional layers
  - Synergies with other domains
  - Perspective + Roadmap

## ■ Speakers

Please upload your slides the day BEFORE your talk, we need to download them in order to verify them and show on ZOOM if needed



# Practical information

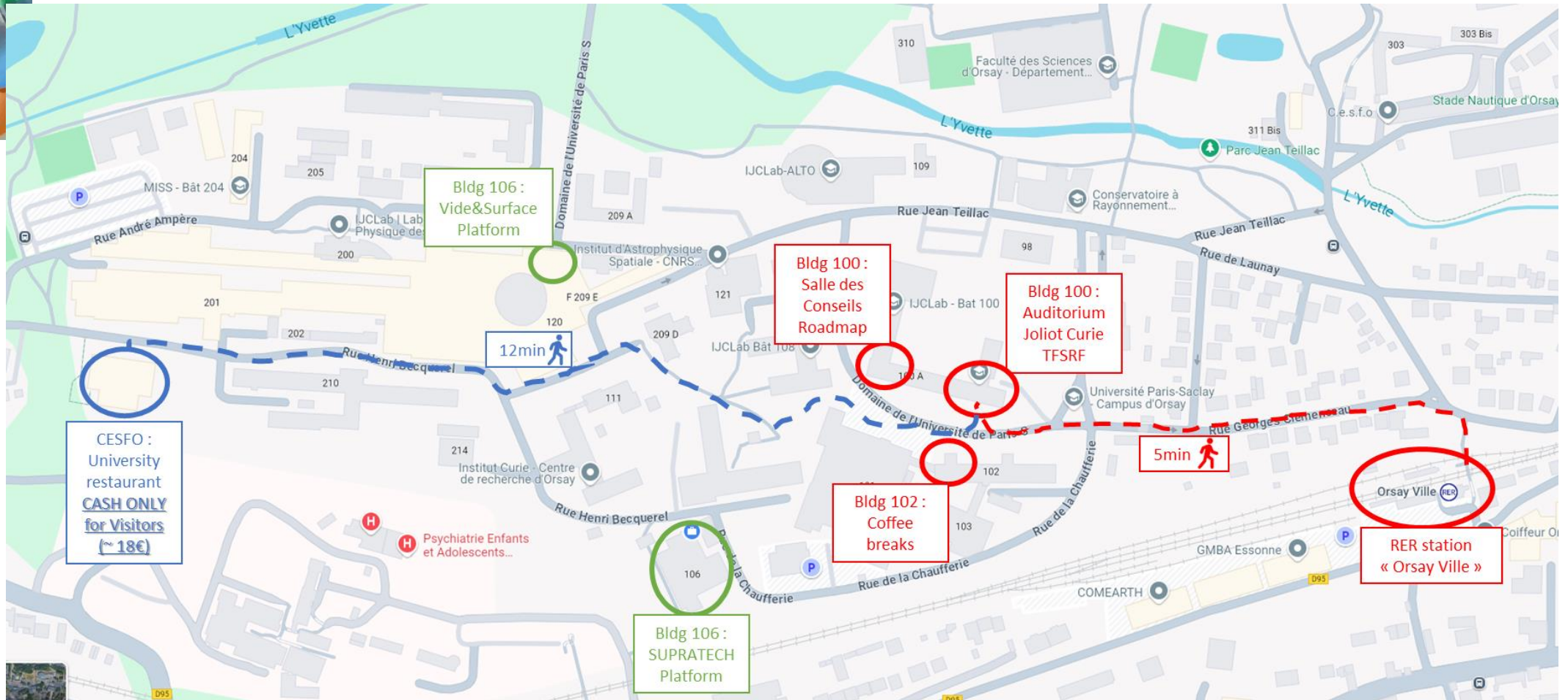
# Lunches

- No food allowed in the Auditorium!
- Several options are available at walking distance :
  - The university restaurant CESFO is accessible by foot (~ 12 min). For about 16.5€, you can have a complete meal (self-service). Service closes at 1.30pm  
!! CASH ONLY !!
  - Several restaurants or bakeries (food to go) are accessible by foot (~ 15 min) in Orsay city center (uphill!). Orsay is a small city with many students, you might want to reserve for some restaurants!
  - A supermarket Franprix is accessible (food to go) in Orsay city center.

# Lunches

## Google map

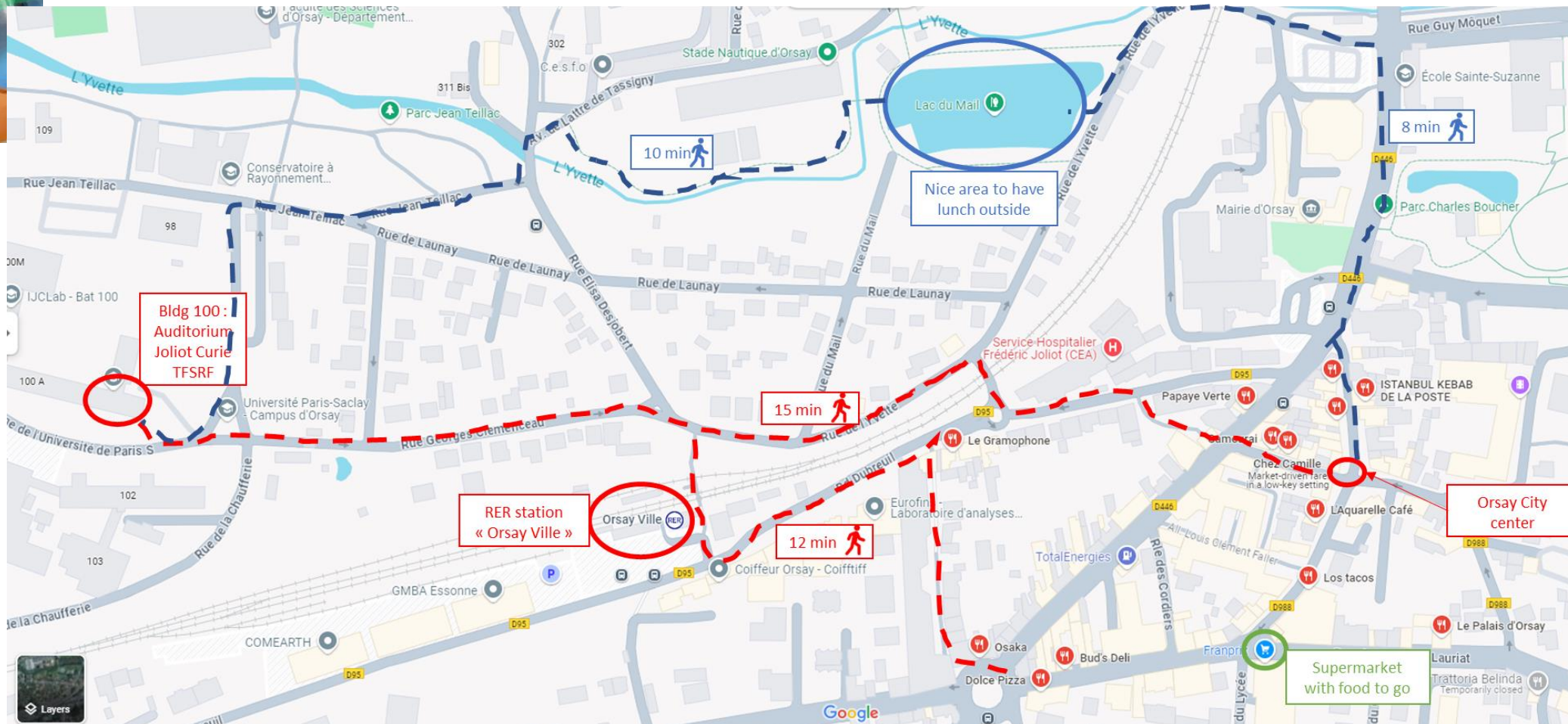
- Bldg 100: <https://maps.app.goo.gl/g6v8Sdy8SNm3USCE6>
- CESFO restaurant (CASH ONLY) <https://maps.app.goo.gl/HbiP61LnGUS6yPWJ7>



# Lunches

## Google map

- Restaurants in Orsay: <https://maps.app.goo.gl/6dV3HULGEhiunjKBA>
- Bakeries (food to go) <https://maps.app.goo.gl/SV5XLapGjgXfDPgL7>



# Lunches

- Pizza :
  - Trattoria Belinda : <https://maps.app.goo.gl/vrKyqwcYi8Vo6MDJ8>
  - Le 63 : <https://maps.app.goo.gl/Y2EkqKoEkgR9JAtM6>
- French :
  - Gramophone : <https://maps.app.goo.gl/HSgRGzD4UdfNZVgH9>
  - Chez Camille : <https://maps.app.goo.gl/FKCNPfgJKcSURcp88>
  - Aquarelle Cafe : <https://maps.app.goo.gl/kKtiUoyCfeLue9BNA>
  - Bud's deli (burger) : <https://maps.app.goo.gl/f8oeCBgq9MbQ8m2Y8>
- Asian :
  - Papaye verte (thai) : <https://maps.app.goo.gl/9F2vUxcMi6rZVVod9>
  - Palais d'Orsay (chinese) : <https://maps.app.goo.gl/DkYsqSPaffotAERt5>
  - Orsay Sushi : <https://maps.app.goo.gl/zmqFYBZ3N3pFG3WXA>
  - Samourai : <https://maps.app.goo.gl/rNj7APHb1bdWgv2p6>
  - Thali Bar (indian) : <https://maps.app.goo.gl/3kiJ8e9wszMpru3z6>
  - Tan Do (not in city center!) : <https://maps.app.goo.gl/jviAqoEa2nzscPnu8>



# Social Events

- Welcome Reception: Monday 16th at 7 pm
  - IJCLab cafeteria bldg. 102 (same as for coffee breaks) -
- Workshop Dinner: Wednesday 18th at 7:30 pm

**Pavillon Montsouris**

**20 Rue Gazan, 75014 Paris**

- Take RER B at Orsay (ticket!)
- Exit at Cité Universitaire station (~26 min)
- Cross the « Parc Montsouris »

