



Institut
Sciences de la Fusion et
de l'Instrumentation en
Environnements Nucléaires
Aix✶Marseille Université

THE ISFIN PhD PROGRAM

YOU'RE A PHD STUDENT ENROLLED IN ED352, 353 ?

→ 100h of training have to be followed during your PhD

- The training catalogue is offered by the doctoral schools and the doctoral college
 - About **50h** of disciplinary formation (in your field of research)
 - About **50h** of transverse formation (soft skills)



In agreement with the doctoral schools 352, 353 and the doctoral college, ISFIN offers supplementary training options and possibilities to the students in the field of nuclear sciences (fission or fusion).



ISFIN'S PHD PROGRAM

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A PHD PROGRAM BASED ON THREE PILLARS

I - NUCLEAR SCIENCE FROM THE POINT OF VIEW OF SOCIOLOGY RESEARCHERS

Visit a nuclear site, put yourself the shoes
of a sociologist

II - SEMINARS IN NUCLEAR SCIENCES

Follow large audience seminars as well
as more technical ones

III - INTERNATIONAL MOBILITY

A yearly call for project to spend up
to three months in a foreign
country laboratory

ISFIN'S PHD PROGRAM

I - NUCLEAR SCIENCES AND SOCIOLOGY

WHAT IT IS:

ANNUAL VISIT TO A NUCLEAR SITE WITH A SOCIOLOGIST

- A yearly visit for the entire class of doctoral students
- 3 sites: Marcoule/Tricastin, Cadarache, Plateau d'Albion,
- Day of cohesion of AMU's community in nuclear sciences

PROBLEM-BASED LEARNING (PBL) IN SOCIOLOGY

- One day of PBL per week during 3 weeks (for instance, you are working for a nuclear industry: you have to deal with the link between your industrial site and its territory, the debates with the public, the politics, the safety on site...)

HOW IT WORKS:

- ✓ Offers 8h of transverse formation
- ✓ announcements sent by ISFIN
- ✓ Registration on doctoral college website

- ✓ Offers 18h of transverse formation
- ✓ This part is coming soon

ISFIN'S PHD PROGRAM

II - SEMINARS IN NUCLEAR SCIENCES

WHAT IT IS:

- ❑ ISFIN'S SEMINARS ELLIGIBLE TO THE DOCTORAL FORMATION TRAINING HOURS
 - Selected broad audience seminars, events, (presence strongly recommended)
 - Selected seminars requiring few pre-requisites, but opening to a larger field than the PhD's

HOW IT WORKS:

- ✓ Seminars are listed on the [ISFIN website](#)
- ✓ Offers 1h of doctoral training for in person participation (questions included, max. 8h/year)
- ✓ Requires to print the [seminar form](#), to have it signed the day of the seminar by the seminar organizer and to return it to Marco Minissale: marco.minissale@univ-amu.fr)
- ✓ With **Inst'AMU app** you will be automatically registered to the ISFIN seminar calendar (*coming soon...*)

ISFIN'S PHD PROGRAM

III – INTERNATIONAL MOBILITY CALL

WHAT IT IS:

□ ANNUAL CALL FOR INTERNATIONAL MOBILITY (SRIM)

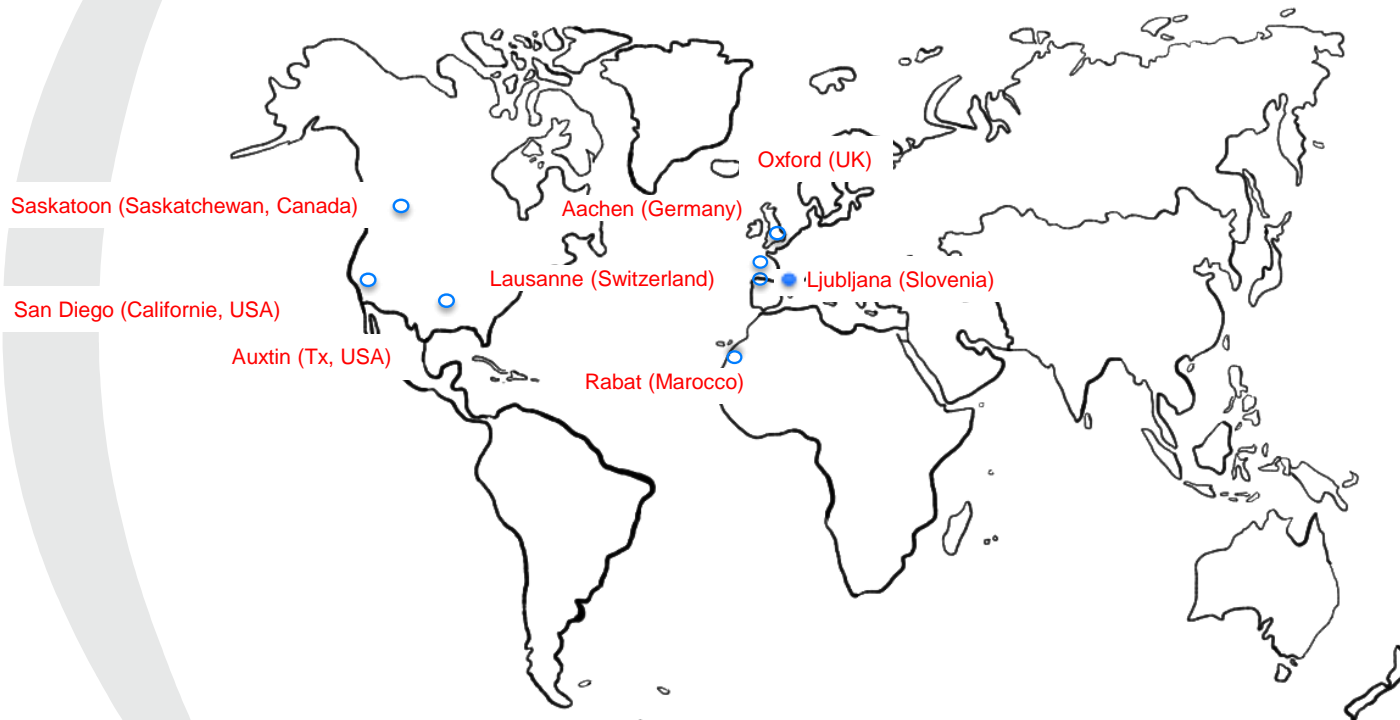
- The philosophy is to let you, PhD students, realize **your own international project between 6 to 12 weeks**, as long as it remains within the thematic area of the ISFIN
- The mobility is not counting as “hours” of doctoral formation
- This opportunity is offered to all AMU students in the field of applied Nuclear Sciences (fission or fusion)

HOW IT WORKS:

- ✓ ISFIN sends an email to the PhD students when the call is open (*notification on Inst'AMU coming soon*)
- ✓ You discuss with your PhD advisor, take contacts with a foreign laboratory, write your project...
- ✓ ISFIN evaluates the projects
- ✓ Laureates are provided with a budget suitable to realize their mobility

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III – INTERNATIONAL MOBILITY CALL 2021-2022-2023



□ SRIM1 2021

- 3 applications
- 3 mobilities

□ SRIM2 2022

- 8 applications
- 7 students selected
(1 out of eligibility)

□ SRIM 2023

- 3 applications
- 3 mobilities

ISFIN can help you to take
contacts at:

- CMAM (Spain)
- NIFS (Japan)
- JSI (Slovenia)...