

# Joint PhD Supervision Program

Jennifer-2 WP6 Task 6.4

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## 3. Impact

### 3.1 Enhancing the potential and future career prospects of the staff members

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In particular JENNIFER2 work packages 1-5 involve the training of significant numbers of doctoral students (ESRs), in both the European and Japanese universities associated to the project. In many cases, the **European ESRs** will be **seconded to KEK or J-PARC for extended research visits**, as part of their **doctoral studies**, through the **JENNIFER2** project. As part of WP6, a task is defined to manage these exchanges, in particular to **ensure proper supervision and support** of the ESRs during their extended stays. The host lab (**KEK or J-PARC**) will **provide a scientific or technical co-supervisor**, as well as **administrative support and hosting arrangements**. The task within WP6 will consist in preparing the visits, by reviewing its work, by ensuring that a **Japanese co-supervisor** is nominated, and by monitoring the progress during the visit. Where permitted by individual university regulations, the **co-supervision will be officialised in the PhD title**. Moreover, JENNIFER2 management will foster the conclusion of inter-university agreement which **recognize double PhD to co-supervised students**.

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### 3.4 Quality of the proposed measures to communicate the action activities to different target audiences

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As described in section 3.1, JENNIFER2 WP6 includes also a training activity aimed to PhD students, based on medium and long duration stays in Japan and providing a **co-tutorship program**.

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## 4. Quality and efficiency of the implementation

### WP6 Communication and Outreach

**Task 6.4: PhD thesis co-supervision:** Provide joint European and Japanese supervision for a number of PhD students in flavour and neutrino physics during their secondments to JENNIFER2 partner institutions.

Training activity for PhD students involved in the project. A number of **3 or more months secondments are reserved for European PhD students** working in one of the beneficiary institutions. They will allowed to develop their research program through a medium duration stay in the partner organizations, where a **co-tutorship** will be provided. The hosting lab will provide also **assistance for accommodation and for cultural integration** in Japan

**Deliverable 6.5:** *co-supervision of PhD students seconded for longer periods (month 48) → REPORT*

# Aims of JENNIFER2 support program for “long term” PhD secondments

1. ensure highest possible quality hosting arrangements during secondments  
→ local technical/scientific supervision + practical and cultural integration
2. promote dissemination of PhD project results in relevant science communities
3. improve visibility of involved PhD students → important to boost their future careers

## Practical aspects and considerations

- beneficiaries nominate ~ 1 suitable student using their secondment budgets  
→ submit short application
- ideally during 2<sup>nd</sup> year of PhD (defense before end of JENNIFER2 in March 2023)
- duration ≥ 3 continuous months
- tasks / activities = meaningful part of PhD project
- realistic work plan ~ achievable during secondment
- local co-supervisor in Japan  
→ identified in application  
→ acknowledged in thesis (minimum requirement...)  
→ official co-supervisor / thesis defense committee member (depends on university rules)
- “cotutelle” agreement ? (should be decided at start of PhD...)

# Support actions for awarded PhD students

- A. personalized administrative support (JENNIFER2 + Japanese institution)
  - hosting during secondment (where/if needed office, computing, advice for housing, medical insurance, transport, banking, basic support for language/translations, any specific family/children requirements...)
- B. local supervision arrangements
  - under responsibility of applying group
- C. financial support to attend international conference or workshop
  - student should present his/her work (talk or poster)
  - submit request with brief report on achievements, results, future prospects, any difficulties during secondment
  - financial support = 1200 euros/student (registration, travel + accommodation, invoice from home institution)
- D. “JENNIFER2 Best PhD Award” for max. two students in last year of JENNIFER2
  - joint application by PhD supervisor + co-supervisor in Japan
  - external evaluation based on:
    - Importance and originality of specific contribution of the student
    - Level of recognition in the respective home institute and Japanese hosting teams
    - Overall scientific and/or technical excellence (e.g. in terms of papers, talks, other awards,...) and any special consideration
  - winner(s) will be invited to present plenary talk in dedicated award session during final JENNIFER2 meeting.

# Model for application form

Name of PhD student:

University / department / doctoral school of PhD student:

Period of enrollment / expected completion of PhD thesis:

PhD topic / thesis title (if already fixed):

JENNIFER2 team leader at beneficiary institution:

PhD supervisor(s) at beneficiary institution:

Co-supervisor at Japanese host institution (if identified):

Secondment project title:

Period of secondment (minimum 3 months):

Brief description of work / study to be pursued during the secondment (1/2 to 1 page):

Any additional comment / considerations (max. 10 lines):