NMI3-II WP5 Integrated User Access

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NMI3-II WP5: Integrated User Access
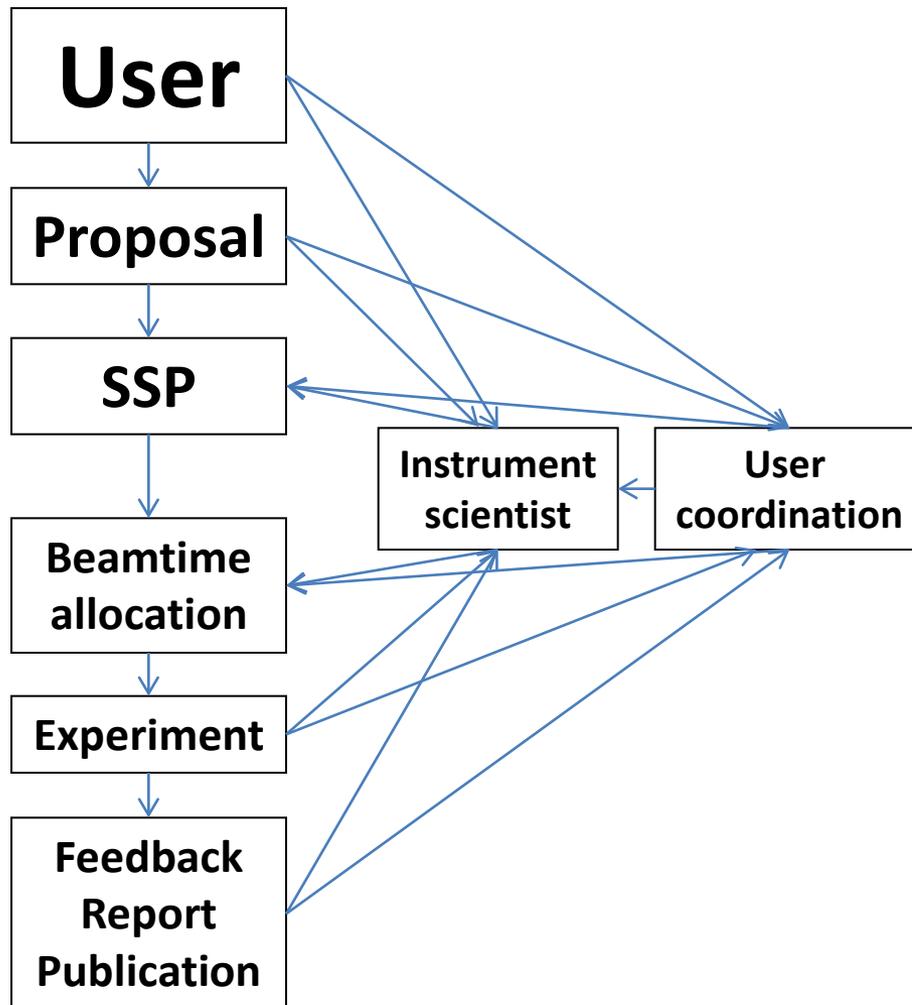
Work package number	5		Start date or starting event:								M0
Work package title	Integrated User Access										
Activity Type	COORD										
Participant number	6	3	9	8	4	1	2	7	13	5	12
Participant short name	HZB	TUM	BNC-AEKI	HZG	Jülich	ILL	STFC	CEA	NPI	PSI	TUD
Person-months per participant (total incl. own contribution):	8	48	4	8	4	4	4	8	2	4	2

In order to structure and harmonize an integrated access format to European national neutron and muon facilities for the scientific users an 'Integrated User Access (IUA)' Networking Activity should consider and develop

- **strategies and forms for a common integrated user registration**
- **harmonized proposal forms and templates**
- **optimized peer review processes and**
- **possible platforms for cross source beam time access.**

In addition, better statistical survey on European user access could be possible.

User workflow for proposal today:

- **User registration at each facility individually**

- **Indidvidual proposal submission**

- **Facility oriented proposal forms**

- **Facility governed peer review process**

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Task 5.2: **Development of a generalized integrated user registration. (Coordinator HZB)**

– Technical and legal requirements for common NMI3 based single electronic user ID to access individual facility digital user office (DUO) systems will be analyzed.
– Best possible solution will be evaluated and established as a prototype.

Task 5.3: **Harmonized proposal forms and templates. (Coordinator PSI)**

– Forms and templates of proposal submissions at existing DUO applications will be compared.
– Harmonized proposal template adopted for the individual requirements will be proposed and prepared for implementation.

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Task 5.4: **Web based proposal peer review process. (Coordinator TU Delft)**

- A framework will be developed to allow peer reviewing of submitted proposals within NMI3 web applications for small facilities, which do not operate an individual DUO.

Task 5.5: **Platforms for cross source independent beam time access. (Coordinator HZG)**

- Platforms to submit proposals for access by the combination of instruments at the NMI3 facilities
- Platforms for cross source proposals for the complementary use of instruments, laboratory services or infrastructures using different probes (e.g. neutron, muons, x-rays, facility based AFM or electron microscopy) (e.g. by block allocation strategies or send in sample programs across sources).

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D5.1. Report on requirements: Survey on existing comparable systems and report on requirements and framework for common data exchange [month 12]
D5.2. Software package prototype I: Software package prototype to handle integrated user registration [month 24]

D5.3. Software package prototype II: Software package prototype to handle proposal submission and reviewing between facilities [month 48]
D5.4. Harmonized proposal forms: Report on suggestion on harmonized proposal forms and appropriate templates [month 36]

D5.5. Requirements for web based review process: Report on requirements for web based review process [month 12]
D5.6. Prototype of web based review process: [month 36]

D5.7. Requirements for cross facility beam time access: Report on requirements for cross facility beam time access and strategy for implementation [month 24]
D5.8. Feasibility study on software prototype: Feasibility study on software prototype for cross facility beam time access [month 48]

Neutrons meet User
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www.helmholtz-berlin.de/user

Thank you

Common user access portal