

MLZ as a whole

- Wo sind Neutronen wichtig?
- Wo steht das MLZ global, was sind unsere Vorteile und Nachteile? Wo wollen wir hin? Wie positionieren wir uns in Zukunft (Stichwort ESS)? Wie müssen wir uns weiterentwickeln?
- Ist bereits zusammengewachsen was zusammen gehört?
- Wie lassen sich die Zentralabteilungen des FZJ besser einbinden?

MLZ as a whole

- We still think in institutions (HZG, FZJ, TUM, ..)
- Different websites (FRM2 / MLZ)
- difficult to communicate to outsiders since 'brand name' MLZ is still not established in the community
- affiliations on publications are still not following the guidelines

MLZ as a whole

- It is important that we know the road, e.g. information on the road map (outcome of the user meeting, scientific advisory board) should be available
- Common MLZ calendar (define contact person)
- Focused research vs manifold of projects:
Discussion where are our strength and weaknesses

MLZ as a whole

- Access to the central groups of FZJ: follow up support necessary to ensure proper installation and commissioning of components : support on-site until the component is fully operational (by definition of the instrument scientist)
- central groups are not under supervision of MLZ, contact person not well known

MLZ as a whole

- FRM 2 technician pool: - its role ill defined and not communicated, what are its projects
- FRM 2 technician pool: training and information exchange fine (weekly meeting only if necessary)
- Sample preparation lab: it needs a (50%) CTA laboratory responsible (top priority)

Science Groups

- Hat sich die Einteilung bewährt?
- Ist der Austausch innerhalb/zwischen den Gruppen ausreichend?
- Wie können die externen Betreibergruppen besser eingebunden werden (insbesondere die Unis)?
- Wie läuft der Austausch zwischen ähnlichen Instrumenten?

Science Groups

- Goals: panel for discussion / increase number of publication / foster in-house research / facilitate contact
- Instrument groups are missing (Science groups: restructuring or additional groups): More output by collaboration -> easier between similar instruments and techniques
- Instrument development should be science driven (and that is independent from operator)

Science Groups

- Exchange between the science groups and central groups: could be improved: e.g. regular coordinators meeting (e.g. 'jour-fixe' lunch, distribution of protocols)
- External groups: engagement appreciated and necessary: - e.g. dual PhD
- Collaboration between Instruments: could be beneficial but in practice not feasible at the moment (operation of instruments is still very different, follow up support e.g. data treatment etc. very time consuming)

Science Groups

- Reduce workload of instrument scientists: - too many organizational duties which could be shifted to -Besucherdienst, -Stahlenschutz, and -Useroffice (the goal would be: 'meet your user at your instrument') (bench marking with ILL),
- Regular training for the user community, provide tools for users community to do their experiments and analyze the data -> resources / man power
- Mantid / Fullprof / BornAgain / GenX / Jana

Junior Researchers & Employees

- Speziell (MLZ-)Studenten und Doktoranden, wie kann deren Einbindung verbessert werden? (Email Liste, Meetings, Graduate School, Seminare, etc?)
- PostDocs: Wie können wir diese besser wissenschaftlich einarbeiten und später bessere Weiterentwicklungsmöglichkeiten bieten (Aufbau eigener Gruppen, Habilitation etc.)?
- Mitarbeiter: Verbesserung der Motivation durch mehr Mitverantwortung?

Junior Researchers & Employees

- Mentoring / Discussion of projects to avoid situation that postdocs leave without countable result for their scientific career. (mandatory “Mitarbeitergespräch”)
- How do we get more attractive to students? (Collaboration HZG/ FZJ with TUM for DFG projects) “working students”, Bachelor/ Master Thesis
- Motivation: The work involves a lot of responsibility and has a large dependency on external boundary conditions - we would appreciate (once in a while) some acknowledgement.

Junior Researchers & Employees

- Tuesday meeting: introduction of people and what they do (short, 3-5 min)
- language courses (inside the fence, practicing / talking)
- PhD seminar to foster information exchange and collaboration
- Make Introductory information for newcomers easily available

PhD students

- Awareness challenge: Most students have no idea about PhD students outside their institutes
 - Thesis projects cover whole range of internal research
 - Students face same challenges on levels like data treatment, time spend on instrumentation vs. science
- Huge interest in getting to know each other
 - New email list: students@frm2.tum.de (contact: j.innocente@fz-juelich.de)
- Funding for regular meetings (e.g. first drink on monthly regular's table) could help to improve further contact

Operations

- Sind Änderungen des Betriebsplanes nach längeren Reaktorausfällen sinnvoll? Sollte die Einhaltung der Planung nicht Priorität haben?
- Wie viel Zeit ist zwischen der Bekanntgabe der Review Ergebnisse und dem Scheduling der ersten Proposal notwendig

Operations

- Unforeseen shutdowns and shifts in the reactor cycle: difficulties to get users / sample environments -> 'Not all beam days are useful beam days'. More communication to balance planned work for maintenance period (e.g. with external companies) vs. user operation
- Better communication on the duration of breaks and restart

Operations

- Handling times: Rapid access : handling time ok
- normal proposal rounds: last round handling time was too short. The minimum handling time should be discussed together with Instrument Scientists, Strahlenschutz, Arbeitssicherheit and Useroffice, and the proposal deadlines set accordingly.
- keep fixed proposal deadlines (independent of reactor operations)

Infrastructure

- Ist die Unterstützung durch die Zentralen Gruppen ausreichend?
- Ist die Probenumgebung für alle Instrumente ausreichend?
- Sind genügend/rechtzeitig Informationen zu allen Komponenten verfügbar? Was ist mit Dokumentation?
- Wäre nicht ein zentral geführter und allen zugänglicher Kalender sinnvoll?
- Was bringt die Poolbildung der Techniker?
- Wie betreiben wir das Probenpräparationslabor weiter?

Infrastructure

- Sample environment: too many small projects (priorities)
- Not enough ^3He inserts /dilution fridges
- Better information which sample environment items belong together and need to be booked together : book as one item
- Calendar for sample environment (now!)

Users community

- Welche Nutzer kommen zu uns?
- Wäre ein zentraler Userdienst für die Userunterweisung, Laboreinweisungen und Experimentvorbereitung hilfreich?
- Wie können wir die Anforderungen an die User minimieren (Stichpunkt: Laufzettel, Personenkontrolle etc.) ?
- Können wir User von außerhalb der EU besser unterstützen? (Visa, Reisekosten etc.)
- Werden die Nutzer in ansprechender Weise an die Messmöglichkeiten des MLZ herangeführt? Sind Blockpraktika oder -Seminare der richtige Weg oder wären gerätespezifische Workshops besser? Werden die Informationen ausreichend präsentiert, nicht nur auf unseren Webseiten sondern z.B. auf Konferenzen

Users community

- What makes us attractive/unattractive for users?
 - National source operating on international landscape without quota per country
 - Rapid access
 - Guest house
 - Complicated administrative overhead
 - Search procedure for entry into experimental hall
 - Financial support (national / EU)