

Minutes 2. SteCO Meeting of MIC

28.11.2024, 15:00 – 16:00

WHGA/121 and teams

Members SteCo:

Alex Amato (CNM), Marc Janoschek (CNM), Thomas Lippert (CNM), Sergey Tsarev (ETHZ), Claudia Cancellieri (EMPA)

Project Team:

Daniele Pergolesi (CNM), Luca Artiglia (CEE), Milan Radovic (CPS) (until 4 p.m.)

Excused

Thorsten Schmitt (CPS), Emiliana Fabbri (CEE),

Program:

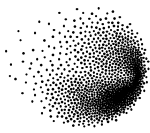
The screenshot shows a meeting page with a blue header. The title is 'SteCo Meeting MIC'. Below the title, there is a calendar icon, the date and time 'Thursday 28 Nov 2024, 15:00 → 16:30', and the location 'Europe/Zurich'. A location pin icon indicates the meeting is at 'WHGA/121'. A person icon identifies the organizer as 'Alex Amato (PSI - Paul Scherrer Institut)'. The agenda is listed below:

- 15:00 → 15:40 Update of the status of the project**
Speaker: Daniele Pergolesi (PSI - Paul Scherrer Institut)
- 15:40 → 16:20 Discussions, Decisions, Pending Issues, Next Meeting**

<https://indico.psi.ch/event/16868/>

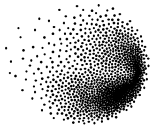
Introduction (A. Amato):

- Welcome to everybody.
- Minutes – accepted without modification
- AA reports about a visit into the building, progressing very quickly (with a slight delay). Installation some basic infrastructure already in progress.



Update of the Status Report (Daniele Pergolesi):

- Use of MIC:
 - How do we organize the use of the MIC?
Internal use cheaper than from outside?
Phd's free of charge?
Suggestions from SteCo needed.
Shifted to next year.
 - Claudia suggested the submission of research projects in collaboration with the MIC to hire phd or postdocs that work 10-20% for the MIC (see risk management sheet for personnel) – one of the job descriptions should be that he/her should help to run MIC, for running cost and personnel can be asked in an SNF proposal.
We can charge for consumables only, using the equipment. Part of the risk assessment.
- Contact with new partners:
 - the only new is the University of Zurich of applied science, 3500 CHF, agree to money transfer, problem with TT at PSI.
 - many requests for partnerships sent to EPFL, UniGE no answer or no funding. Two proposed partnerships sent to EMPA, Jakob Schwiedrzik.
 - Geneva: Morpurgo und Caviglia contacted but no answer.
Triscone can be contacted via Alex Amato (Daniele must send infos to Alex).
- Advertising :
 - The best would be to organize a workshop. Next year the QMMC building is ready and can be visited.
 - People from PR should be asked for a big article – contact Stefan Janssen
- Budget:
 - Enough funding for basic installation is available, but for upgrading extra funding is necessary.
 - Timeline for spending the funding would provide a better overview – contact Artur Glavic
 - 2 MIC accounts SNF_MIC_R'equip and MIC. Contributions are for the entire facility not for a special thing at the facility.
 - Maybe cheaper solutions: to visit lab of Wegschneider at ETH
- Connections with CNM
 - Goal is to strengthen the link with CNM for all future presentations of the MIC project.
 - For thin film applications, the main techniques are NR (AMOR) and muon spin spectroscopy (LEM).
 - Again it was made clear that MIC is not an extension of SLS. Huge investment from CNM even if it is a PSI project.
- Pending List:



- project handbook – postponed to next Steco meeting – is important should not be shifted to far ahead.
Look in the PM-Arbeitsweisung.
Template to Daniele from Alex.
- Contact Hans Braun has been done for the bake out test.
- Footprint in the hall is shown, description, what is already ordered, contact with the QS person in Einkauf Andrea Wirth and Ronald Dettwiler
- Design for load-lock chambers, same design for all 5 chambers.
- Is it possible to push to have Hansjörg Eckerlin here for us after the selection of the company, technical support is needed.
We could talk to Kilian Rolli and Haimo Jöhri from AIK. To be discussed during the next AIK/CNM Bilateral Meeting (person needed in March/April).
- The first draft of the budget time line is ok, but the timeline how of the funding already effectively spent is missing
- Riskmanagement
All companies ask for 10% of the costs to be paid at installation and training, but if the building is not available on-time, installation and training will be delayed because "we" are late, not the company. The company may request this 10% before installation and training
- Another risk is the cost of the building installation.
Marek will present the overview at the next NUMM Meeting.
Worst case to begin one floor after the others.
- Manpower is a serious risk

Discussions, Decisions, Update of Pending Issues (A. Amato):

- To do:
 - prepare for project handbook – template to Daniele (Alex)
 - contact universities, Pietro Gambardella, EPFL – Rafale Monsanti, Triscone
 - improve the budget / payment plan (spending time profile (see with Arthur)
 - contact Steffi Wiedner (TT) about the ETH payment (3.5 kCHF)
 - assessment of risks, risk matrix (see with Arthur)
 - Public relation – contact Stefan Janssen

Next Meeting (A. Amato):

The next meeting will take place on **18 March 2025, 08.30 - 10:00 in WHGA/121** (and Teams).