***Meeting Minutes***

***113th SRF R&D Meeting***

**Date:** Wednesday, April 5th, 2022

**Participants:** Detlef, Ricardo, Marc, Lea, Jonas, Rezvan, Christopher, Mateusz, Cornelius, Cem, Getnet, Karol, Denis, Arti

**Slides:** All presentations and the meeting minutes are available on INDICO

<https://indico.desy.de/indico/category/422/>

**I Quick Status Update**

Jonas Wolff: B-Mapping System is running – up to now it looks all good

Marc/Cornelius: - Problem with closing mismatch of single sell furnace due to heavy

deformations of holding construction

- Otherwise the furnace looks good and is running

Christopher/Cornelius/Rezvan: -Sample furnace assembly is ongoing, some screwes were

missing to install DN100 VAT valves, also confusion about one of the valves with reduced

conductance about the opening mechanics were resolved

Cem: Sticky tape from tesa seems to be a much cheaper option and works well under cold

temperatures than other more expensive versions

Ricardo: - QPR measurement maybe starting next week

-first testing lock measurement for 400 and 800 MHz

-typical standard “High speed” cooldown is enough

Rezvan: - Works on Ipac paper and samples for muon and Moke measurements

Thamy: Works on understanding some papers for her Bachelor thesis

Detlef: - Christopher and Lenart are preparing the H-iii furnace for the tandem run

- The cleanroom shutdown is ongoing for example for adjusting and maintaining

the special air conditioning, for that the double flor needs to be opened and cleaned as well

**II SRF Updates (Detlef)**

* Only 10 students will get the grant
* Subgroup discussions are ongoing
* Kenji (Chair) will send around the official invitations for the talks

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| **Abbreviations:** Christopher Bate (CB), Serena Barbanotti (SB), Thorsten Büttner (*TB*), Getnet Deyu (GD), Alexey Ermakov (AE), Lukas Ebeling (LE), Rezvan Ghanbari (RG), Isabel Gonzales (IG), Vladimir Gubarev (*VG*), Birte van der Horst (*BvdH*), Wolfgang Hillert (WH), Jens Iversen (*JI*), Kay Jensch (*KJ*), Daniel Klinke (DaK), Denis Kostin (*DK*), Ricardo Monroy-Villa (RMV), Carsten Müller (*CMu*), Andrea Muh (*AM*), Detlef Reschke (*DR*), Helmut Remde (*HR*), Jörn Schaffran (*JSch),* Manuela Schmökel (*MS*), Jacek Sekutowicz (*Jacek*), Lea Steder (*LS*), Nicolai Steinhau-Kühl (*NSK*), Alexey Sulimov (*ASu*), Jan-Hendrik Thie (*JHT*), Lennart Trelle (LT), Elmar Vogel (*EV*), Nicholas John Walker (*NJW*), Hans Weise (*HW*), Marc Wenskat (*MW*), Mateusz Wiencek (*MWi*), Jonas Wolff (JW)  | **Abbreviations:** Andrea Bellandi (ABe), Christopher Bate (CB), Serena Barbanotti (SB), Reinhard Brinkmann (*RB*), Thorsten Büttner (*TB*), Arti Dangwal-Pandey (*ADP*), Alexey Ermakov (AE), Lukas Ebeling (LE), Isabel Gonzales (IG), Vladimir Gubarev (*VG*), Birte van der Horst (*BvdH*), Wolfgang Hillert (WH), Jens Iversen (*JI*), Kay Jensch (*KJ*), Daniel Klinke (DaK), Denis Kostin (*DK*), Youfeng Liu (YL), Lutz Lilje (*LL*), Chen Luo (CL), Ricardo Monroy-Villa (RMV), Carsten Müller (*CMu*), Andrea Pörschmann (*AP*), Detlef Reschke (*DR*), Helmut Remde (*HR*), Kay Rehlich (KR), Jörn Schaffran (*JSch),* Manuela Schmökel (*MS*), Jacek Sekutowicz (*Jacek*), Sven Sievers (SSv), Guilherme Semione (*GS*), Lea Steder (*LS*), Nicolai Steinhau-Kühl (*NSK*), Alexey Sulimov (*ASu*), Jan-Hendrik Thie (*JHT*), Elmar Vogel (*EV*), Nicholas John Walker (*NJW*), Hans Weise (*HW*), Marc Wenskat (*MW*), Mateusz Wiencek (*MWi*)  |

 |