***Meeting Minutes***

***104th SRF R&D Meeting***

**Date:** Wednesday, March 23rd, 2022

**Present:** DR, MWi, Sebastian Aderhold, RG, ASu, JW

Virtual: Jacek, Sven Sievers, Artem Zaidman, Karol Kasprzak

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

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

**I Status (Sebastian Aderhold talk)**

LCLS-II update, facility Overview

**II Status**

Jonas

* 307 more sensors arrived - have to be handed over to Marcel Richter
* Feed-through has been handed over to Wolfgang Maschmann for leak check

Rezvan

* Higrade Lab single-cell furnace – meeting with XERION after all problems were listed
* Sample furnace: New pieces were ordered at university workshop; upgrade pending

Christopher

* MKS RGA: heating in progress for several days
* New SEM images of samples have still to be discussed

Detlef:

* Nb furnace: In three weeks from now Lennart will be back
* RI: Three single-cell LG have been under fabrication, EB welding was “interesting”
* One cavity has a hole in the equator wall, second was fine, third cavity is still under inspection at RI as two holes occurred during EB welding which is quite unusual - the further procedure needs to be discussed

RI: Is growing; many projects; lots of industrial compounds alongside, new halls are planed nearby the existing site; cleanroom looks good; EP to be visited by Nico Steinhau-Kühl and Manuela Schmökel; some changes in the EP procedures for LCLS-II;

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| |  |  | | --- | --- | | **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*) | |