

 – Protocol		Nr.: March 17, 2020, 14:00 – 16:00																																												
Machine Meeting (MM)		Chair: M. Bai																																												
Distribution	Machine coordinators and their deputies, departments leaders accelerator, participants, Management board																																													
Participants																																														
Hanno Hüther	<p><u>Attendees</u></p> <table border="1" data-bbox="402 531 906 1218"> <tr> <td><input checked="" type="checkbox"/> Stephan Reimann</td> <td><input type="checkbox"/> Markus Vossberg</td> </tr> <tr> <td><input type="checkbox"/> Ralph Hollinger</td> <td><input type="checkbox"/> Klaus Tinschert</td> </tr> <tr> <td></td> <td><input checked="" type="checkbox"/> Fabio Maimone</td> </tr> <tr> <td><input checked="" type="checkbox"/> Lars Groening</td> <td><input type="checkbox"/> Sascha Mickat</td> </tr> <tr> <td></td> <td><input type="checkbox"/> M. Kaiser</td> </tr> <tr> <td><input checked="" type="checkbox"/> Gerald Schreiber</td> <td><input type="checkbox"/> Bernhard Schlitt</td> </tr> <tr> <td></td> <td><input type="checkbox"/> A. Schnase</td> </tr> <tr> <td><input checked="" type="checkbox"/> Markus Steck</td> <td><input type="checkbox"/> Danyal Winters</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Sergey Litvinov</td> </tr> <tr> <td><input type="checkbox"/> Frank Herfurth</td> <td><input checked="" type="checkbox"/> Zoran Andelkovic</td> </tr> <tr> <td><input type="checkbox"/> Christina Dimopoulou</td> <td><input type="checkbox"/> Jon Roßbach</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Regina Heß</td> </tr> <tr> <td><input checked="" type="checkbox"/> Winfried Barth</td> <td><input type="checkbox"/> S. Yarmychev</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Hartmut Vormann</td> </tr> <tr> <td><input type="checkbox"/> Gertrud Walter</td> <td><input type="checkbox"/> Kalliopi Dermati</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Markus Romig</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Stephan Teich</td> </tr> <tr> <td><input checked="" type="checkbox"/> Udo Weinrich</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> D. Severin</td> <td></td> </tr> <tr> <td><input type="checkbox"/> M. Sapinski</td> <td><input checked="" type="checkbox"/> C. Hessler</td> </tr> <tr> <td><input type="checkbox"/> Peter Spiller</td> <td><input checked="" type="checkbox"/> Jens Stadlmann</td> </tr> <tr> <td><input type="checkbox"/> Markus Schwickert</td> <td><input checked="" type="checkbox"/> Emma Haettner</td> </tr> </table> <p style="text-align: right;">*Types: A = Action, D = Decision, I = Information</p>	<input checked="" type="checkbox"/> Stephan Reimann	<input type="checkbox"/> Markus Vossberg	<input type="checkbox"/> Ralph Hollinger	<input type="checkbox"/> Klaus Tinschert		<input checked="" type="checkbox"/> Fabio Maimone	<input checked="" type="checkbox"/> Lars Groening	<input type="checkbox"/> Sascha Mickat		<input type="checkbox"/> M. Kaiser	<input checked="" type="checkbox"/> Gerald Schreiber	<input type="checkbox"/> Bernhard Schlitt		<input type="checkbox"/> A. Schnase	<input checked="" type="checkbox"/> Markus Steck	<input type="checkbox"/> Danyal Winters		<input type="checkbox"/> Sergey Litvinov	<input type="checkbox"/> Frank Herfurth	<input checked="" type="checkbox"/> Zoran Andelkovic	<input type="checkbox"/> Christina Dimopoulou	<input type="checkbox"/> Jon Roßbach		<input type="checkbox"/> Regina Heß	<input checked="" type="checkbox"/> Winfried Barth	<input type="checkbox"/> S. Yarmychev		<input type="checkbox"/> Hartmut Vormann	<input type="checkbox"/> Gertrud Walter	<input type="checkbox"/> Kalliopi Dermati		<input type="checkbox"/> Markus Romig		<input type="checkbox"/> Stephan Teich	<input checked="" type="checkbox"/> Udo Weinrich		<input checked="" type="checkbox"/> D. Severin		<input type="checkbox"/> M. Sapinski	<input checked="" type="checkbox"/> C. Hessler	<input type="checkbox"/> Peter Spiller	<input checked="" type="checkbox"/> Jens Stadlmann	<input type="checkbox"/> Markus Schwickert	<input checked="" type="checkbox"/> Emma Haettner	
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Important: I = Information D = Decision AI = Action Item			
1	Agenda		
	1. Approval of meeting minutes 2. Follow-up of action items 3. Status update: https://indico.gsi.de/event/10274/contributions/		
2	Update		
	<p>Followup: SIS18 kicker room updates from GAT and CAM: -- insulation of the 'fish pond': 'die Bestellung ist bei Fa. Völger erfolgt. Die Ausführung ist für nächste Woche angekündigt. ' (Martin Pelaez, Maria Isabel) -- During the April maintenance week (April 15-21): implement a more sustainable measures in the kicker room to keep the water/liquid away from the cabinet: Herr Schuhmann and Frau Martin RBe: a provisional rain gutter above the cabinet was installed</p> <p>Beam time status: DS: in general, beam time plan is going asis. There are 2 experiments U311 and ESR2CAVEA may not be able to have enough personnel for experimental setup and shifts. U311 is still under discussion. ESR2CAVEA is cancelled. Updated planning will come soon. Action: New beam tim plan will be available tomorrow: DS/SR</p> <p>No major issues from HKR point view</p>		

Ion Source status:

Running. Ca for April 15 to 21? Will start to heat up the oven today, Ca beam will be available tomorrow. This will allow the Ca operation for 3 weeks. The Ca through the planned maintenance will be decided later

UNILAC status: <https://indico.gsi.de/event/10274/contributions/780/>

Beam time is ongoing. No major problems.

Highlights: all single gap resonators are in working order!

Spare parts are also in good progress. At the moment, waiting for the analysis results to see whether there is corrosion inside

Outstanding issues:

- HLI RFQ: still experiences bad vacuum. Despite that it still runs. The spikes problem solved by MK (vacuum gadge). Nevertheless, the overall level is still problematic (1e-6 at the moment, no improvement). This was significant better during engineering run. Vacuum was broken a week ago for exchange the gauge
- HSI RFQ: reached level so far is 7.3volts

SIS18 status: <https://indico.gsi.de/event/10274/contributions/783/>

SIS18 injection loss is significantly improved after careful remtaching between UNILAC out and SIS18 in.

HEST status: <https://indico.gsi.de/event/10274/contributions/771/>

New beam line HHD status was updated.

FRS status:

Supporting ongoing ESR experiments okay. Worries go to the future experiments (Pb,...). Emma also expressed her concerns w.r.t manpower for FRS.

A general understanding between YL and Emma. More details are desired for better planning.

Action: mutual communication between the ESR experimental team and FRS team. Markus as the ESR Mk should also followup and be aware

ESR status:

Going well so far. No major issues

CRYRING status:

Going well so far. No major issues except shortage of manpower

PSU status: <https://indico.gsi.de/event/10274/contributions/774/>

Home-office/on-site shift among staff members has been instituted w.r.t. the COVID19 FOS/PSU ongoing, no major delays yet

cw-LINAC status: <https://indico.gsi.de/event/10274/contributions/785/>

Group members are home office due to COVID19

A set of actions are postpones. For details, please follow the link above

AIP status: <https://indico.gsi.de/event/10274/contributions/772/>

2+1 reviews were done. One executive summary (FOS/PSU) was distributed. For details, please follow the link above

3	Discussion	All
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4	Open Action items	
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1. FAIR Booster mode status: R. Baer, D. Ondreka: March 31, at 3:30pm	Ralph Bär D. Ondreka
2. Provide a list of planned controls release and changes in 2020-2021 along with their potential impact and effect on the GSI existing facilities and systems such as beam instrumentation, power convertor etc	Ralph Bär
3. Postmortem report on the topic of current controls related issues, in particular the issue that blocked beam injection into SIS18 at the beginning of the Engineering Run template can be found at https://www.gsi.de/fileadmin/Beschleunigerbetrieb/PostMortemAnalysisReport_Template.docx mid-Feb	Jens
4. work with the relevant technical groups, experts to develop the list of the critical systems/components with information of the existing status as well as the spare parts or other mitigation measures	All
5. Action: clarify the quality control for critical steps: UW/LG In progress	Lars Groening

	Any other business			
	• <u>Next Machine Meeting:</u> March 24, 2020 - 14:00-15:30 Uhr, via Zoom			