

 – Protocol		Nr.: 23. März 2021, 14:00 – 16:00																																																
<b>Machine Meeting (MM)</b>		<b>Chair:</b> M. Bai																																																
<b>Distribution</b>	Machine coordinators and their deputies, departments leaders accelerator, participants, Management board																																																	
<b>Participants</b>																																																		
	<p><u>Attendees</u></p> <table border="1" data-bbox="395 521 890 1238"> <tr> <td><input type="checkbox"/> Stephan Reimann</td> <td><input checked="" type="checkbox"/> Markus Vossberg</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Petra</td> </tr> <tr> <td><input checked="" type="checkbox"/> Ralph Hollinger</td> <td><input type="checkbox"/> Klaus Tinschert</td> </tr> <tr> <td></td> <td><input 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 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 checked="" type="checkbox"/> Frank Herfurth</td> <td><input type="checkbox"/> Zoran Andelkovic</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Michael Lestinsky</td> </tr> <tr> <td><input type="checkbox"/> Jon Roßbach</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Winfried Barth</td> <td><input type="checkbox"/> Maksym Miski-Oglu</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Uwe Scheeler</td> </tr> <tr> <td></td> <td><input checked="" 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 type="checkbox"/> D. Severin</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> O. Geithner</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 checked="" 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 type="checkbox"/> Stephan Reimann	<input checked="" type="checkbox"/> Markus Vossberg		<input type="checkbox"/> Petra	<input checked="" type="checkbox"/> Ralph Hollinger	<input type="checkbox"/> Klaus Tinschert		<input type="checkbox"/> Fabio Maimone	<input checked="" type="checkbox"/> Lars Groening	<input type="checkbox"/> Sascha Mickat		<input type="checkbox"/> M. Kaiser	<input 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 checked="" type="checkbox"/> Frank Herfurth	<input type="checkbox"/> Zoran Andelkovic		<input type="checkbox"/> Michael Lestinsky	<input type="checkbox"/> Jon Roßbach		<input checked="" type="checkbox"/> Winfried Barth	<input type="checkbox"/> Maksym Miski-Oglu		<input type="checkbox"/> Uwe Scheeler		<input checked="" 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 type="checkbox"/> D. Severin		<input checked="" type="checkbox"/> O. Geithner	<input checked="" type="checkbox"/> C. Hessler	<input type="checkbox"/> Peter Spiller	<input checked="" type="checkbox"/> Jens Stadlmann	<input checked="" type="checkbox"/> Markus Schwickert	<input checked="" type="checkbox"/> Emma Haettner	
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<b>Important:</b> <b>I = Information</b> <b>D = Decision</b> <b>AI = Action Item</b>			
<b>1</b>	<b>Agenda</b>		
	1. Approval of meeting minutes 2. Follow-up of action items 3. Status update: <a href="https://indico.gsi.de/event/12341/contributions/">https://indico.gsi.de/event/12341/contributions/</a>		
<b>2</b>	<b>Update</b>		
	<p><b>Beam time status:</b> <a href="https://indico.gsi.de/event/12341/contributions/52438/">https://indico.gsi.de/event/12341/contributions/52438/</a>          availability last week ~80%. major technical problem is the UNILAC sweeper failure</p> <p><b>Ion Source status:</b> <a href="https://indico.gsi.de/event/12341/contributions/52437/">https://indico.gsi.de/event/12341/contributions/52437/</a></p> <ul style="list-style-type: none"> <li>• Beam time as usual. No issues</li> <li>• future Uranium supply in working progress</li> <li>• PRIDE is giving prio 2, hence no manpower from magnet group             <ul style="list-style-type: none"> <li>◦ this significantly impacts the goal of restoring the past UNILAC performance, i.e. 11mA/1.4MeV/u, which is on the critical path for reaching FAIR performance</li> <li>◦ followup on the switching magnet technote</li> </ul> </li> </ul> <p><b>UNILAC status:</b> <a href="https://indico.gsi.de/event/12341/contributions/52441/">https://indico.gsi.de/event/12341/contributions/52441/</a>          major concerns besides the sweeper problem are the mysterious magnet power supply behaviour. The changes occur unexpected. The symptom is the same settings copying from one virtual machine to the other, yet beam behaves differently. Currently, there are 6 users running simultaneously.</p> <p>Okasana shared her story last Friday that their work of setting up HTA had to be redone due to a sudden change of beam position without any clear indication of any change of the machine.</p> <p>Markus mentioned that this was observed in the past</p>		

	<p>Emma commented that the new control system should provide better monitoring capability</p> <p><b>SIS18 status:</b> <a href="https://indico.gsi.de/event/12341/contributions/52440/">https://indico.gsi.de/event/12341/contributions/52440/</a> U73+ reached 2e9 in SIS18. Nevertheless, the operational current of uranium has to stay significant below it due to the failure of the sweeper in TK3.</p> <p><b>HEST status:</b> <a href="https://indico.gsi.de/event/12341/contributions/52436/">https://indico.gsi.de/event/12341/contributions/52436/</a> various technical details for further improvement were identified during last week's HEST setup including for setting up the extracted beam from ESR to CAVE A</p> <p><b>FRS status:</b> Yesterday morning CREW observed new magnet setting surprisingly. This was due to a squencer error as understood by HKR</p> <p><b>ESR status:</b> <a href="https://indico.gsi.de/event/12341/contributions/52434/">https://indico.gsi.de/event/12341/contributions/52434/</a> similar technical issues as reported by HEST and FRS</p> <p><b>CRYRING status:</b> <a href="https://indico.gsi.de/event/12341/contributions/52432/">https://indico.gsi.de/event/12341/contributions/52432/</a> Mg+ ongoing well</p> <p><b>AIP status:</b> <a href="https://indico.gsi.de/event/12341/contributions/52428/">https://indico.gsi.de/event/12341/contributions/52428/</a></p> <p><b>PSU status:</b> <a href="https://indico.gsi.de/event/12341/contributions/52439/">https://indico.gsi.de/event/12341/contributions/52439/</a></p> <p><b>cw-LINAC status:</b> <a href="https://indico.gsi.de/event/12341/contributions/52433/">https://indico.gsi.de/event/12341/contributions/52433/</a></p>			
3	Discussion		All	
4	<p><b>Open Action items</b></p> <ol style="list-style-type: none"> <li>1. 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</li> <li>2. 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</li> <li>3. Discussion on the integrated project planning of new HHD beamline to separate the beam dump part away from the FRS beamline, and SIS100 injection beam dump</li> <li>4. UNILAC upgrade roadmap (Pre-stripper)</li> </ol> <p><b>Any other business</b></p> <ul style="list-style-type: none"> <li>• <b>Next Machine Meeting: 30. März 2021 - 14:00-15:30 Uhr via Zoom</b></li> </ul>	Ralph Bär	Jens	CH/JS
		WB		