

<b>Meeting:</b>	<b>Vacuum and Magnet parallel V at 1<sup>st</sup> BINP-FAIR workshop; Session NEG pumps</b>		
<b>Date:</b>	<b>08.11.2018 14:00-15:30</b>	<b>Author: L. Urban</b>	
<b>Participants:</b>	P. Suherman L. Urban A. Krämer H. Reich- Sprenger S. Purushothaman H. Hagelskamp H. Simon D. Urner A. Krasnov A. Semenov		
<b>Distribution:</b>	Participants + S. Uterman, M. Marenich		
<b>Document Number:</b>	F-PR-...to_follow <a href="#">(see work instruction for document identification)</a>		

A: Action, D: Decision, I: Information		Who	Due Date
<b>1. NEG pumps</b>			
I	The types and the quantity of NEG cartridge and NEG getter combination pumps which will be used at FAIR were presented. In addition the different available types for NEG ion getter combinations pumps from SAES Getters were presented too.	A. Krämer	
I	BINP would like to participate in the tender of NEG pumps for FAIR.	BINP	
I	Both types of ion getter pumps (either StarCell type or Noble Diode) in the combination pump could be used by BINP for the CR, if they are similar in price.	BINP	
A	A.Krämer will ask for list price of both types of pumps.	A. Krämer	week 46
I	The detailed specification of the NEG pumps for the tender will be seed by GSI/FAIR to BINP, including the NEG pumps required for CR , for approval by BINP. The specifications will take into account the already existing functional specification written by BINP.	BINP/GSI	June 2019
D	Installation of pumps It still needs clarification or discussion, if the NEG pumps for CR should be installed at BINP or at GSI/FAIR facility. <ul style="list-style-type: none"> <li>• BINP would like the NEG pumps to be installed in the tunnel. For the leak check of the welded units inside the tunnel, BINP needs the flanges occupied by the pumps for the leak check.</li> </ul>	GSI/FAIR	



Kind of Document

**Meeting Minutes**

Template Number:

F-FO-QUA-en-0012

Page 2 of 2

A: Action, D: Decision, I: Information		Who	Due Date
	<ul style="list-style-type: none"><li>On the other hand, it has been planned/proposed by FAIR that BINP should deliver the CR unit as an assembly unit, where the pumps are already installed.</li></ul>		