

HIC4FAIR Workshop Detectors & Accelerators

Sponsored by: HIC4FAIR and GSI

Tuesday		Wednesday				Thursday				Friday				
TIME	Location	Titel		Speaker		Titel		Speaker		Titel		Speaker		
9:00	Arrival	Welcome+ Introduction	Tom und OBF	-	Chair	Beam requirements				GSI Facility Aspects and Requirement				
		Overview Accelerator Systems												
9:00		Primary Beams	P. Spiller	30 Min.	O. Kester	NUSTAR Low Energy Experiments	A. Herlert	20 Min.	R. Reifarth	Linac / SIS18	Jens Stadlmann	30 Min.	O. Geithner	
		Secondary Beams (RB)	H. Weick	15 Min.		NUSTAR High Energy and Spectrometer Experiments	H. Simon	20 Min.		ESR / Cryring	Markus Steck	30 Min.		
		Secondary Beams (pbar)	U. Weinrich	15 Min.		NUSTAR Storage Ring Experiments	Y. Litvinov	20 Min.		NUSTAR	H. Scheit	20 Min.		
		Storage Rings (CR)	O. Dolinskiy	15 Min.						HADES	T. Galatyuk	15 Min.		
		Storage Rings (HESR)	D. Prasuhn	15 Min.						SPARC	Y. Litvinov	15 Min.		
10:30-11:00		Break (10:30-11:00)					Break (10:00-10:30)				Break (10:50-11:20)			
		Overview Detector Systems					Expected Machine Performance				<i>Discussion on perspectives of GSI operation from 2017 - xx (T. Aumann and O. Boine-Frankenheim)</i>			
		Detectors: APPA	T. Stöhlker	30 Min.	T. Aumann	Options for parallel operation	R. Steinhagen	30 Min.	O. Boine-Frankenheim					
	CBM	W. Müller	30 Min.	Risk analysis and expected machine availability		C. Omet	30 Min.							
11:00	NUSTAR	J. Gerl	30 Min.	Beam parameters available from SIS18 and SIS100 on the targets		V. Kornilov	30 Min.							
	PANDA	L. Schmitt	30 Min.	Internally targets and luminosity		D. Prasuhn	15 Min.							
				Super-FRS performance: production, separation, detection		H. Weick	15 Min.							
13:00-14:00	Lunch (13:00)					Lunch (12:45-13:45)				Lunch (13:00-14:00)				
	Beam requirements					<i>Discussion with primary beam and CBM + APPA (C. Sturm, S. Appel)</i> <i>Discussion with secondary beam and NUSTAR + PANDA (Y. Litvinov, L. Schmitt / T. Aumann)</i>				<i>Summary (O. Kester)</i>				
14:00	Expected intensity limits from beam physics	O. Boine-Frankenheim	30 Min.	S. Appel										
	Beam induced activation and collimation	I. Strasik	30 Min.											
	SPARC	A. Bräuning-Demian	20 Min.											
	Plasmaphysic	A. Blazevic	20 Min.											
	Materials Research	D. Severin	10 Min.											
	BIO	D. Severin	10 Min.											
16:00-16:30	Break					Break								
	Beam requirements					<i>Discussion with primary beam and CBM + APPA (C. Sturm, S. Appel)</i> <i>Discussion with secondary beam and NUSTAR + PANDA (Y. Litvinov, L. Schmitt / T. Aumann)</i> <i>Discussion all (Tom und OBF)</i>				Departure				
16:30	CBM Running Scenario (C. Sturm) / Beam focus, beam halo and time structure (J. Pietraszko)	C. Sturm / J. Pietraszko	45 Min.	O. Boine-Frankenheim										
	PANDA	Lars Schmitt	45 Min.											
18:00-18:30	Discussion													
18:30	Welcome Dinner	Free time				Free time								