

Time	Session	(suggestive) Title	Presenter	Affiliation	
09:00:00		Welcome at HZDR	NN		
09:15:00		Introduction: HiBEF, polarimetry and scientific challenges			
09:30:00	Overview	Polarimetry in a Nutshell (and its limitations)	K.-S. Schulze	HI Jena	
09:45:00					
10:00:00		XFEL polarization properties	G. Geloni	XFEL	
10:15:00					
10:30:00	QED	Overview of QED problems	B. King	Plymouth	
10:45:00					
11:00:00			Detection schemes of vacuum birefringence	G.G. Paulus	HI Jena
11:15:00					
11:30:00			Recent advances of diamond-based X-ray polarimeters	H. Bernhardt	HI Jena
11:45:00					
12:00:00		Vacuum birefringence in the collision of x-ray free electron and high-intensity laser pulses.	F. Karbstein	HI Jena	
12:15:00					
12:30:00		Laser-induced vacuum birefringence beyond idealized setups	T. Grismayer	IST Lisbon	
12:45:00					
13:00:00	<b>Lunch at canteen</b>				
13:15:00					
13:30:00					
13:45:00					
14:00:00	Faraday	Basic understanding of magnetic field generation	C. Palmer	Oxford	
14:15:00			Radiation signatures of magnetic fields generated in laser-plasma interactions	K. Schoeffler	IST Lisbon
14:30:00					
14:45:00			PIC simulations for strong magnetic fields	L. Huang	HZDR
15:00:00			How far can PIC simulations go?	M. Bussmann	
15:15:00		Bulk resistivity in WDM regime	J. Vorberger / D. Kraus		
15:30:00		Concept of Faraday Rotation experiment	H.-P. Schlenvoigt		
15:45:00					
16:00:00	<b>Coffee break</b>				
16:15:00	Discussion	Details on experiments			
16:30:00					
16:45:00			Roadmap, work packages, partners		
17:00:00					
17:15:00					
17:30:00		Strategies			
17:45:00					