

## Challenges and Opportunities of Digital Transformation in Fundamental Research with Photons and Neutrons Workshop

Flash Seminar Room, DESY, Hamburg

Thursday 13 June 2019

12:00		<b>Lunch</b>	
13:00	10	Bridget Murphy (CAU Kiel/KFS)	Welcome
13:10	25	Martin Erdmann (Aachen)	ErUM DATA overview
13:35	5	Kludia Hradil (TU Wien)	ErUM DATA Neutrons
13:40	5	Christian Gutt ( Siegen)	ErUM DATA Photons
13:45	20	Discussion	
14:05	20	Rudolf Dimper (ESRF)	EOSC: The European Open Science Cloud (EOSC)
14:25	20	Discussion	
14:55	20	Martin Böhm (ILL)	User 4.0
15:15	20	Discussion	
15:35	25	<b>Coffee</b>	
16:00	20	Manfred Rößle TU Lübeck	Small Angle Scattering - Big Data Analytics; Data bank, concepts and fut
16:20	20	Discussion	
16:40	20	Christian Felder (JCNS)	Infrastructure Services in the Future
17:00	20	Discussion	
17:20	40	Break out sessions	
18:10		Poster session and <b>BBQ</b>	
18:30			

Friday 14 June 2019

09:00	20	Volker Gülzow (DESY)	What can "Federation" do for you?
09:20	20	Discussion	
09:40	20	Marc Thiry (HZG )	Challenges and Opportunities of Digital Transformation in Industry Servic
10:00	20	Discussion	
10:20	20	Sonia Francoual, (DESY)	MAGnetic STructure determination through Resonant Elastic X-ray Scatt
10:40	20	Discussion	
11:00	20	<b>Coffee</b>	
11:20	20	Alexey Ershov (LAS)	AI-based high-throughput X-ray imaging and analysis
11:40	20	Discussion	
12:00	20	Astrid Schneidewind (JCNS at MLZ/KFN)	Summary
12:20	30	Discussion	
12:50	10	Bridget Murphy (CAU Kiel/KFS)	Closing
13:00	60	<b>Lunch</b>	
14:00		<b>Departure</b>	

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