

Wed 30/07

19:00

Arrival Meet-Up

20:00

21:00

02.201a/b, Goethe University Frankfurt am Main

19:30 - 21:30

Thu 31/07

09:00

Welcome by Organizers

Hendrik Hähnel et al.

02.201a/b, Goethe University Frankfurt am Main

09:00 - 09:30

Title TBD

Udo Weinrich

02.201a/b, Goethe University Frankfurt am Main

09:30 - 09:55

10:00

TBD

TBD TBD

02.201a/b, Goethe University Frankfurt am Main

09:55 - 10:20

Additive Manufacturing for Particle Accelerators and Storage Rings at GSI and for FAIR

Dr Chuan Zhang

02.201a/b, Goethe University Frankfurt am Main

10:20 - 10:45

The peculiar structure of metals built by additive manufacturing and their implication on properties of interest for accel...
Maurizio Vedani

11:00

Additive Manufacturing of GHz RF Cavities from Pure Copper

Michael Mayerhofer

02.201a/b, Goethe University Frankfurt am Main

11:10 - 11:35

Thoughts on Additive Manufacturing of H-Type DTL components

Ulrich Ratzinger

02.201a/b, Goethe University Frankfurt am Main

11:35 - 12:00

12:00

Lunch (included)

	<i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>12:00 - 13:00</i>
13:00	First Beam Test of an Additively Manufactured H-Mode Linac Structure made from Pure Copper <i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>Hendrik Hähnel</i> <i>13:00 - 13:25</i>
	Research on Additive Manufacturing Technology for Compact Radio Frequency Quadrupole Design and Production <i>Guntis Pikurs</i>	
14:00	Development and test of a compact RF coupler utilizing additive manufacturing <i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>Jan Dominik Kaiser</i> <i>13:50 - 14:15</i>
	Additive Manufacturing of Copper and Copper Alloys with Green Lasers <i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>Samira Gruber</i> <i>14:15 - 14:40</i>
15:00	Plasma Electrolytic Polishing: A High-Performance Surface Finishing Technique for SRF and AM Applications <i>Eduard Chyhyrynets</i>	
	Coffee Break <i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>15:05 - 15:30</i>
	Low-Level Tests for a 3D-Printed 704.4 MHz CH Cavity <i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>Eduard Boos</i> <i>15:30 - 15:50</i>
16:00	Optimisation of drift tube cooling and drift tube geometries of an additive manufacturing IH-type cavity <i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>Benjamin Dedic</i> <i>15:50 - 16:10</i>
	Additive manufacturing of water-cooled drift tubes and stems for H-type cavities <i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>Holger Höltermann</i> <i>16:10 - 16:30</i>
	TBD <i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>16:30 - 16:50</i>
17:00	TBD <i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>16:50 - 17:10</i>
	TBD <i>02.201a/b, Goethe University Frankfurt am Main</i>	<i>17:10 - 17:30</i>
18:00		
19:00	Workshop Dinner (included)	
20:00		
21:00		
	<i>TBD</i>	<i>19:00 - 21:30</i>

Fri 01/08

08:00

Lab Tour: Frankfurt Neutron Source (FRANZ)

09:00

02.201a/b, Goethe University Frankfurt am Main

08:45 - 09:45

10:00

KIT-IBPT / Technik - Kurzportrait

Till Borkowski

02.201a/b, Goethe University Frankfurt am Main

10:00 - 10:15

Title TBD

Julius Storch

02.201a/b, Goethe University Frankfurt am Main

10:15 - 10:35

Recent Advances in Plasma Electrolytic Polishing of AM Components @INFN

Tochukwu Emmanuel Ezeaba

02.201a/b, Goethe University Frankfurt am Main

10:35 - 10:55

11:00

Dielectric Properties of 3D Printed Polymers for RF Applications at 500 MHz

Philipp Müller

02.201a/b, Goethe University Frankfurt am Main

10:55 - 11:15

Utilizing Additive Manufacturing for Beam Diagnostics Applications and Radiation Shielding

Leonie Bauer

02.201a/b, Goethe University Frankfurt am Main

11:15 - 11:35

12:00

Lunch (included)

02.201a/b, Goethe University Frankfurt am Main

12:00 - 13:00

13:00

Discussions: Current Challenges

02.201a/b, Goethe University Frankfurt am Main

13:00 - 14:00

14:00

Coffee Break

02.201a/b, Goethe University Frankfurt am Main

14:00 - 14:30

Discussions: Organization & Strategy

15:00

