

Wednesday 20th March 2024

Building 101, room 157

Time	Duration	Disc.	Presentation	Presenter
8:40			<b>START</b>	
			<b>General introduction and updates on available facilities (Chair: Richard Kamendje)</b>	
8:40	0:15	0:10	Updates on EU-CN collaboration	Richard Kamendje
9:05	0:15	0:10	Status of the EU-CN deliverables and introduction to the objectives of the meeting	Valentina Corato
9:30	0:15	0:10	Progress of CRAFT superconducting magnet system construction	Wu Yu
9:55	0:15	0:10	The design and development of HTS coil for next generation of fusion reactor	Qin Jinggang
10:20	0:20		Coffee Break	
10:40	0:15	0:05	Introduction to REBCO for fusion magnets	Davide Uglietti
11:00	0:20	0:05	Progresses on CRAFT SC material testing facility establishment and application	Liu Fang / Zhang Xintao
11:25	0:20	0:05	Latest progress of super-X test facility From Strands to Systems: Multi-Scale Analysis of Superconducting Fusion Magnets Using X-ray	Shi Yi / Liu Huajun
11:50	0:15	0:05	Tomography and Modelling	Ion tiseanu
12:10	1:10		Lunch	
13:20	0:15	0:05	Facility for mechanical tests on N50H samples	Walter Fietz
13:40	0:50		Common Discussion moderated by the Chair	All
			<b>conductor design and testing (Chair: Kamil Sedlak)</b>	
14:30	0:20	0:10	HTS CICC design, manufacturing and performance test in ASIPP	Zhou Chao
15:00	0:15	0:05	SPC design status and test results	Nikolay Bykovskiy
15:20	0:15	0:05	TF and CS coils design for CFETR	Xiaogang Liu
15:40	0:20		Coffee Break	
16:00	0:15	0:05	How to improve the mechanical stiffness in HTS conductors (based both on CORC and stacked tapes)	Arend Nijhuis
16:20	0:15	0:05	Recent SULTAN tests of BEST Nb <sub>3</sub> Sn Conductors	Mattia Ortino
16:40	0:50		Common Discussion moderated by the Chair	All
17:30			<b>Conclusion</b>	
17:30			<b>Bus transfer to Hotel Kubler</b>	
19:00			<b>Social Dinner at Restaurant Badisch Brauhaus</b>	

Thursday 21st March 2024

Building 101, room 157

Time	Duration	Disc.	Presentation	Presenter
8:30			<b>START</b>	
			<b>AC losses, thermal hydraulic analyses and quench (Chair: Gianluca De Marzi)</b>	
8:30	0:20	0:10	AC losses evaluation and thermal hydraulic analysis for HTS coil	Hu Libiao/Hao Qiangwang
9:00	0:20	0:10	Thermal hydraulic analysis of TF coils on CFETR	Li Junjun
9:30	0:15	0:05	Hysteresis and coupling losses in HTS tape stacks	Gianluca de Marzi
9:50	0:15	0:05	Modelling of HTS cables and magnets	Sofia Viarengo
10:10	0:20		Coffee Break	
10:30	0:15	0:05	Thermal hydraulic analysis on CORC conductors	Monika Lewandowska
10:50	0:15	0:05	Multiphysics analysis of quench transients in support of the design of HTS magnets	Andrea Zappatore
11:10	0:15	0:05	Quench detection with optical fibers	Davide Uglietti
11:30	0:15	0:05	Quench detection using co-wound superconducting strands (SQD)	Nikolay Bykovskiy
11:50	0:50		Common Discussion moderated by the Chair	All
12:40	1:10		Lunch	
13:50	2:00		Parallel Working Groups on each topic (coordinated by the Chair)	Experts divided by topic
15:50	0:20		Coffee Break	
16:10			<b>Conclusion</b>	