### **Session Program**

27 August 2017 to 1 September 2017



25<sup>th</sup> International Conference on Magnet Technology

RAI - Amsterdam August 27 - September 1, 2017



## MT25 Conference 2017 - Timetable, Abstracts, Orals and Posters

# Tue-Af-Po2.10

RAI Congress Center, Amsterdam, The Netherlands

## Tuesday 29 August

Increased Model	ing of Control Cooling Thats Magnets
Improved Model	Ing of Canted-Cosine-Theta Magnets
Speaker	
Towards real tim	e computation of 3D magnetic field in parametrized Polyhelix
magnets using a	reduced basis Biot-Savart model
Speaker	
Mr Romain Hild	
Comparative stu	dy between in-situ measurements and a 3D efficient model for
the computation	of magnetic fields in High Field Polyhelix magnets
Speaker	
Dr Christophe Trophim	ne
STEAM: A Hierar	chical Co-Simulation Framework for Superconducting Accelera
Magnet Circuits	
Speaker	
Lorenzo Bortot	
Research on Tem	perature Rise and Temperature Control for Giant
Magnetostrictive	
Speaker Prof. Wenmei Huang	
J	
Eddy Current Los	ss Analysis of Surface Mount High Speed Permanent Magnet
Motor Base on M	lulti-physics Fields
Speaker	
Prof. Guangwei Liu	
Thermo-Magneti	c Mechanical stability study of the MICE Spectrometer Solenoi
Speaker	
Heng Pan	
Refinement and	application of a generic CED toolkit covering the heat flows in
combined solid-	liquid systems to investigate thermal quench limits of
superconducting	j magnets
Speaker	
Fouad Aabid	
	PRATCHICAL MATRICOS TO LARGO-SCALO GIOCTROMAGNOTIC HOLD ANALYS

Shielding Current Analysis in High-Temperature Superconducting Film and Its Application

Speaker

Teruou Takayama

### Optimal Design of the LTS Magnet employing Genetic Algorithm for EMPS

#### Speaker

Dr Jang Jae Young

15:00