	9-Oct-13	10-Oct-13	11-Oct-13
8:15-9:00	**REGISTRATION**		
9:00-9:30	1-Maekawa "Process Analyses of ITER Toroidal Field Structure Cooling Scheme"	**INVITED TALK:** John C. Wright, PSFC *Topic: Modeling of radio frequency heating and current drive in tokamaks in the ion cyclotron and lower hybrid frequency ranges. Massively parallel programming, integrated multiscale, multiphysics modelling.*	5-Hazelton "2G HTS Properties Beyond Critical Current"
9:30-10:00	1-Gauthier *"Cross comparison of thermo-hydraulic analysis of the ITER magnets using two code systems"*		5-Grilli *"Numerical models of HTS for AC loss computation: how far do we need to go?"*
10:00-10:30	1-Lewandowska *"Transverse heat transfer coefficient in the dual channel ITER TF CICCs. Part II. Analysis of transient temperature responses observed during heat slug propagation tests."*	3-Bottura *"Quench modeling in accelerator magnets using a general-purpose code system"*	5-Masson *"Magnetization losses due to any combination of rotating and alternating fields in superconducting filaments driven by a power-law voltage-current behavior"*
10:30-11:00	1-Savoldi-Richard *"Artificial Neural Network (ANN) Modeling of the Pulsed Heat Load during ITER CS Magnet Operation"*	3-Gravilin *"A computer code for comprehensive analysis of quench in pool-cooled and adiabatic superconducting multi-coil magnets"*	5-Amemiya *"Multi-pole components of magnetic field in small dipole magnets wound with coated conductors"*
11:00-11:30	1-Luongo *"Simplified dynamic model of the heat loads on the ITER magnet system"*	3-Chorowski *"Thermal and flow processes in cryogenic systems following failure modes combined with superconducting magnets resistive transitions."*	5-Allen *"Finite Element Investigation of HTS Tapes for Twisted Stacked-Tape Cabling Methods"*
11:30-12:00	1-Zanino *"Application of the 4C code to the thermal-hydraulic analysis of the CS superconducting magnets in EAST"*	3-Masson *"Influence of HTS Wire and Coil Configuration on Quench Propagation"*	5-Chan *"Quench Protection for High Temperature Superconducting Magnets based on Fiber Optic Distributed Temperature Sensing"*
12:00-12:30	1-Nicollet *"Investigations about Helium Mass Expulsion and Heat Exchange Coefficients in CICCS: Predictive Analysis on Possible Experiments in HELIOS."*	3-Ravaioli *"First Experience with the New Coupling Loss Induced Quench System"*	**DISCUSSION**
12:30-13:00		3-Sedlak *"Hot spot temperature experiment for a cable-in-conduit conductor with thick conduit"*	
13:00-13:30			
13:30-14:00			
14:00-14:30	2-Granieri *"Zero Dimensional Approach to Investigate the Thermal Stability of Superconducting Cables"*		
14:30-15:00	2-Winkler *"Experiment Proposal to Quantify the Thermal Response of Superconducting Cable Stacks to Pulse Heat Loads"*	4-Ambrosio *"QXF protection challenges, current analysis and key parameters/assumptions being used"*	
15:00-15:30	2-Nijhuis *"Analysis of stability margins of four ITER Central Solenoid conductor designs during a 15 MA plasma scenario with JackPot-ACDC"*	4-Martchevskii *"New approaches to heater design, comparison with existing ones, and plans for validation in model magnets"*	
15:30-16:00	2-Van Weelderen *"Advances in Numerical Coding of Two Fluid HeII Model"*	4-Rodriguez-Zermeno *"An approximate electromagnetic model for superconducting helically wound cables and cable-in-conduit conductors"*	
16:00-16:30		4-Miyagi *"Effect of combination of twist pitches on distribution of strands appearing on cable surface in CICC"*	
16:30-17:00	**VISIT LABS**	4-Wang *"A novel modeling of the critical current degradation of Nb3Sn PIT strand under transverse load based on Finite Element Analysis and strain scaling laws"*	
17:00-17:30			
17:30-18:00		**DINNER**	
		49 Social, 49 Temple Place, Boston	

**1- Thermohydraulic , 2- Stability , 3- Quench , 4- Mechanical or electrical simulations of cable , 5- Different topics of HTS