Session Program

12-14 Oct 2011



CHATS on Applied Superconductivity 2011

Session 3: Electromagnetics, Models and Methods

CERN, Salle Andersson 40-S2-A01

Thursday 13 October

09:30 10:30 10:45	Session 3: Electromagnetics, Models and Methods: Electromagnetics, Models and Methods Session Location: CERN, Salle Andersson, 40-52-A01
	09:30-10:00 Speeding up the Simulation of Coupling Losses in ITER size CICC joints by using a Multi-Level Fast Multipole Method and GPU technology Speaker Ezra van Lanen
	10:00-10:30 Development of a three-dimensional finite-element model for high-temperature superconductors based on the H-formulation Speaker Francesco Grilli
	Session 3: Electromagnetics, Models and Methods: Electromagnetics, Models and Methods Session Location: CERN, Salle Andersson, 40-S2-A01
	10:45-11:15 Usage of manifolds in electromagnetism and superconductor modelling Speaker Dr Antti Aleksis Stenvall
	11:15-12:00 How to model a large and complex apparatus with high precision - from

Hans Von Der Schmitt

12:00