



CHATS-AS 2011

CHATS on Applied Superconductivity Workshop

Geneva, Switzerland

October 12 – October 14, 2011

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

The CHATS-AS 2011 Workshop will be held at CERN in Geneva, Switzerland, on October 12 – October 14, 2011, jointly hosted by CERN and CRPP.

CHATS-AS 2011 will be the ninth in a series of international workshops that have followed the advancements in the state-of-the-art of modeling of superconducting systems, from cables to magnets and power generation and transmission devices, fusion, high-energy physics, and other applications.

The focus in CHATS-AS is on novel principles and tools in engineering design and analysis, as well as their experimental validation.

The CHATS-AS 2011 Workshop welcomes contributions fitting this scope, with a specific interest in the following topics:

- Multi-physics modeling of superconducting systems, from the details in a wire or tape to the complexity of a full magnet, covering all domains of mechanics, electro-magnetics, and thermo-hydraulics;
- Multi-scale analysis of superconducting and cryogenic systems, and the creation of physics-based models suitable for operation and control.

In the tradition of the workshop, papers submitted will be published rapidly in a special issue of Cryogenics after the standard peer reviewing process.

The local organizing committee is pleased to invite you to participate in and contribute to the CHATS-AS 2011 Workshop. Prospective participants are asked to pre-register to receive further information and details about the workshop, e.g. accommodation and registration fee.

KEY DATES AND DEADLINES

February 15, 2011: Web site available

June 19, 2011: Submission of abstracts deadline

June 30, 2011: Notification of acceptance

July 29, 2011: Registration deadline

September 10, 2011: CERN accommodation reservation deadline

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Rob van Weelderden (CERN) and Herman ten Kate (CERN)

Program Steering Committee: Luca Bottura (CERN, Switzerland), Reinhard Heller (FZK, Germany), Cesar Luongo (ITER, France), Claudio Marinucci (CRPP, Switzerland), Naoyuki Amemiya (Kyoto University, Japan)