

Dear ESAS Colleagues,

On behalf of the organizing committee (Arnaud Badel, Néel Institute, Grenoble, France (IOC Secretary), Luca Bottura, CERN, Geneva, Switzerland, Marco Breschi, University of Bologna, Italy (IOC Chairman), Francesco Grilli, Karlsruhe Institute of Technology, Germany, Philippe Masson, University of Houston, USA, Daisuke Miyagi, Tohoku University, Japan, Antti Stenvall, Tampere University of Technology, Finland and myself) I am pleased to announce that registration for the 1st International School on Numerical Modeling for Applied Superconductivity, is now open.

This “hands-on” School will focus on the analysis of two main projects that have been realized and tested or are presently under development. The project concerning LTS applications is the 11 T dipole magnet for the LHC machine. The project concerning the HTS is the YBCO fault current limiter for the ECCOFLOW Project funded by the European Union. Each teacher will focus his contribution on a specific aspect of one of these two projects (electromagnetics, thermal, quench, mechanics). The theoretical lectures will be complemented by computer practice with state of the art simulation software in various environments (ANSYS, COMSOL, CRYOSOFT, etc.).

The summer school will be of interest for Students (Master, PhD), for Post-Docs, for engineers and scientists, and for those who want to learn more about the challenges of modelling for applied superconductivity.

For further details and registration please visit the school website at <http://appliedsc.epfl.ch/school/>

Best regards,

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