

Session Program

28 June 2015 to 2 July 2015



CEC-ICMC 2015 - Timetable, Abstracts and Presentations

C1PoK - Superconducting Magnets I

JW Marriott Starr Pass Resort
Tucson, Arizona USA

Monday 29 June

14:00

C1PoK - Superconducting Magnets I

Poster Session | **Location:** Exhibit Hall (Arizona Ballroom) | **Convener:** Dr Vadim Kashikhin, Thomas Nicol

Magnetic and Structural Design of a 15 T Nb₃Sn Accelerator Dipole Model

Speaker

Vadim Kashikhin

Transport testing of MgB₂ and Nb₃Sn solenoid coils for magnet applications

Speaker

Hyun Sung Kim

Design of a REBCO HTS Superconducting Undulator

Speaker

Dr Ibrahim Kesgin

Mechanical problems for a Ni-alloy reinforced Bi-2223/Ag conductor -Towards a super-high field compact magnet-

Speaker

Mr Masato Nawa

Infuence of neutron irradiation on conduction cooling superconducting magnets

Speaker

Toru Ogitsu

High resolution NMR measurements by using a 400 MHz (9.39 T) LTS/REBCO NMR magnet with a best mix use of various field correction methods ~ Towards a super-high field/compact type of NMR magnet ~

Speaker

Mr Renzhong Piao

Development of tools for advanced quench diagnostics at LBNL Magnet Test Facility

Speaker

Maxim Marchevsky

16:00