

Session Program

June 28, 2015 to July 2, 2015



CEC-ICMC 2015 - Timetable, Abstracts and Presentations

M1PoA - Superconducting Materials and Applications

JW Marriott Starr Pass Resort
Tucson, Arizona USA

Mon, June 29

9:00 AM

M1PoA - Superconducting Materials and Applications
Poster Session | **Location:** Exhibit Hall (Arizona Ballroom) | **Conveners:** Takanobu Kiss, Quan Li

Optimizing Flux Pinning of YBa₂Cu₃O_{7-δ} (YBCO) Thin Films with Unique Large Nanoparticle Size and High Concentration of Y₂BaCuO₅ (Y₂₁₁) Additions

Speaker
 Timothy Haugan

Single-strand excitation for examining current sharing and ICR in Nb₃Sn Rutherford Cable at 4.2K up to 15 Tesla

Speaker
 Chris Kovacs

Physical properties of material useful for predicting stability and quench propagation in high-field Bi-2212 magnets

Speaker
 Pei Li

Quench induced critical current degradation in REBCO coated conductor and Bi₂223 tape

Speaker
 Liyang Ye

Measurements of YBCO pancake coils: thermal conductivity, quench, and NZP at 4.2 K and 10 T.

Speaker
 Dr Milan Majoros

Optimizing Flux Pinning of YBCO Thin Films with BZO + Y₂O₃ Double-Mixed Phase Additions

Speaker
 Timothy Haugan

11:00 AM