

Session Program

June 28, 2015 to July 2, 2015



CEC-ICMC 2015 - Timetable, Abstracts and Presentations

M3OrA - Superconductor Wires III: Thin Films

JW Marriott Starr Pass Resort
Tucson, Arizona USA

Wed, July 1

11:00 AM

M3OrA - Superconductor Wires III: Thin Films

Session | **Location:** Tucson Ballroom AB | **Conveners:** Timothy Haugan, Herbert C. Freyhardt

11:00 - 11:30

[Invited] LOW TEMPERATURE- HIGH FIELD PERFORMANCES OF IRON CALCHOGENIDES THIN FILMS

Speaker

carlo ferdeghini

11:30 - 11:45

MOI study of grain boundary transparencies in [001] tilt (Yb_{0.7}Ca_{0.3})Ba₂Cu₃O_{7-d} 6 and 9 degree bi-crystal thin films.

Speaker

Dr Anatolii Polyanskii

11:45 - 12:00

Significant Enhancement of Bc2 at 20-25 K for MgB₂ Thin Films via Controlled oxygen doping

Speaker

Guangze Li

12:00 - 12:15

Structure and properties of oxygen-containing thin MgB₂ films

Speaker

Prof. Tatiana Prikhna

12:15 - 12:30

Large J_c enhancement and matching effects by Ba₂Y(Nb/Ta)O₆ nanocolumns in YBa₂Cu₃O_{7-x} thin films

Speaker

Dr Jens Haenisch

12:30 PM