

Session Program

9-13 Jul 2017



CEC-ICMC 2017 - Abstracts, Timetable and Presentations

M2OrF - MgB₂ Wires and Tapes: Processing & Properties

Monona Terrace Community and Convention Center
Madison, Wisconsin USA

Tuesday 11 July

15:00

M2OrF - MgB₂ Wires and Tapes: Processing & Properties

Session | **Location:** Hall of Ideas - EH | **Conveners:** Michael Susner, David Cardwell

15:30-15:45

Development of MgB₂ superconductor wire and coils for practical applications at Hyper Tech Research

Speaker

Mr Michael Tomsic

Location

Hall of Ideas - EH

15:45-16:15

[Invited] Transport properties of IMD-processed 100 m class 6-filament MgB₂ wire and solenoid coil

Speaker

Dr Dongliang Wang

Location

Hall of Ideas - EH

16:15-16:30

Effect of Carbon and Dy₂O₃ co-doping on the Critical Field and Transport of MgB₂ wires

Speaker

Fang Wan

Location

Hall of Ideas - EH

16:30-16:45

Structure and superconducting characteristics of magnesium diboride; substitution of boron atoms to oxygen and carbon.

Speaker

Prof. Tatiana Prikhna

Location

Hall of Ideas - EH

16:45-17:00

The Development of Persistent joints for MgB₂ Conductors

Speaker

Chris Kovacs

Location

Hall of Ideas - EH

17:00-17:15

Doping Effect of Dy₂O₃ on the Phase Formation in the MgB₂ Wire Prepared by Advanced Internal Magnesium Infiltration (AIMI) Method

Speaker

Fang Wan

17:15

Location

Hall of Ideas - EH