



# CEC-ICMC 2017 - Abstracts, Timetable and Presentations

## Wednesday 12 July 2017

### M3OrC - Focused Session: Latest Development in Flux Pinning III: Pinning, Critical Currents & Creep in HTS - Lecture Hall (11:00 - 13:00)

-Conveners: Hiroaki Kumakura; Timothy Haugan

time	[id] title	presenter
11:00	[555] [Invited] Interactive approach towards controllable generation of strong and isotropic artificial pinning centers in RE-123 films	Prof. WU, Judy
11:30	[270] Fabrication of 2G HTS wires with artificial pinning centres using production scale PLD system and characterisation of their superconducting properties	Mr CHEPIKOV, Vsevolod
11:45	[389] Towards isotropic vortex pinning in YBCO films with BHO-Y2O3 and BZO-Y2O3 artificial pinning centers	GAUTAM*1, Bibek
12:00	[164] Large critical current densities and pinning forces in CSD YxGd1-xBa2Cu3O7-BaHfO3 superconducting nanocomposite films	Dr CAYADO, PABLO
12:15	[397] Influence of Zr addition on J-c and flux creep in (Gd,Y)BCO tape	MYERS, Cory
12:30	[304] [Invited] Improvement of Jc of Nb3Sn conductors by introducing additional pinning centers	XU, Xingchen