



IUMRS-ICEM 2018

AUGUST 19(SUN.) - 24(FRI.), 2018 / DAEJEON, KOREA

Session Title	Thermoelectric III	Session Code	We-H1
Date and Time	2018-08-22 / 10:30 - 12:30		
Place	Room H		
Session Chair	TBA		

We-H1-1

10:30 - 11:00

[Invited]High Thermoelectric Performance of Alpha-MgAgSb for Power Generation

Jiehe Sui¹, Zihang Liu¹, and Zhifeng Ren²

¹Harbin Inst. of Tech., China, ²Univ. of Houston, USA

We-H1-2

11:00 - 11:30

[Invited]Thermoelectric Properties of Nanostructured Thin Film Oxides

Paolo Mele^{1,2}

¹Shibaura Inst. of Tech., Japan, ²Muroran Inst. of Tech., Japan

We-H1-3

11:30 - 11:45

Planar Thin Film Thermoelectric Device

Haishan Shen^{1,2}, Sizin Kim³, Hoojeong Lee², and Seungwoo Han¹

¹KIMM, Korea, ²Sungkyunkwan Univ., Korea, ³Te-tech company, Korea

We-H1-4

11:45 - 12:00

High Temperature Stability of Thermoelectric Silicides

David Berthebaud

CNRS, Japan

We-H1-5

12:00 - 12:30

[Invited]Thermoelectric Transport in Holey Silicon and Rough Silicon Nanowires

Jongwoo Im¹ and Peidong Yang²

¹Seoul Nat'l Univ., Korea, ²Univ. of California, USA