



IUMRS-ICEM 2018

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

Session Title	Mat. Informatics I	Session Code	We-I1
Date and Time	2018-08-22 / 10:30 - 12:30		
Place	Room I		
Session Chair	TBA		

We-I1-1

10:30 - 11:00

[Invited]Combining Deep Learning and High-Throughput Quantum Mechanical Calculations for Materials Design

Shyue Ping Ong, Chi Chen, Weike Ye, Chen Zheng, Zhenbin Wang, and Zhuoying Zhu
Univ. of California, San Diego, USA

We-I1-2

11:00 - 11:15

High Throughput Experimental Materials Database

Andriy Zakutayev, Nick Wunder, Marcus Schwarting, John Perkins, Robert White, Kristin Munch, William Tumas, and Caleb Phillips
Nat'l Renewable Energy Laboratory, USA

We-I1-3

11:15 - 11:45

[Invited]Materials Informatics based on Reliable Materials Database

Yoshiyuki Kawazoe^{1,2}
¹Tohoku Univ., Japan, ²SRM Inst. of Sci. and Tech., India

We-I1-4

11:45 - 12:15

[Invited]Estimation of Accurate Bandgap of Functionalized MXene using Statistical Learning

Abhishek Kumar Singh
Indian Inst. of Sci., India