



# IUMRS-ICEM 2018

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

<b>Session Title</b>	<b>Advanced and Highly Efficient Inorganic Photovoltaics Materials and Structures II</b>	<b>Session Code</b>	<b>Fr-G2</b>
<b>Date and Time</b>	2018-08-24 / 10:45 - 12:45		
<b>Place</b>	Room G		
<b>Session Chair</b>	TBA		

Fr-G2-1

10:45 - 11:10

**[Invited]Unraveling Recombination Processes and Charge Carrier Transport in Compound Semiconductors**

Thomas Unold  
Helmholtz Zentrum Berlin für Materialien und Energie, Germany

Fr-G2-2

11:10 - 11:35

**[Invited]Heterojunction Engineering for Beyond 10% Efficiency CZTS Solar Cells**

Xiaojing Hao  
UNSW, Australia

Fr-G2-3

11:35 - 12:00

**[Invited]Cu<sub>2</sub>ZnSn(S,Se)<sub>4</sub> : From Materials Synthesis to Solar Cell**

Yi Zhang<sup>1</sup>, Li Wu<sup>1</sup>, and Jianjun Li<sup>1,2</sup>  
<sup>1</sup>Nankai Univ., China, <sup>2</sup>Jinan Univ., China

Fr-G2-4

12:00 - 12:15

**Novel Planar ZnO<sub>1-x</sub>S<sub>x</sub> based Transparent Solar Cells**

Jian Chen<sup>1</sup>, Qingfeng Zhang<sup>1</sup>, Wuzhong Zhang<sup>1</sup>, Mingkai Li<sup>1</sup>, Yinmei Lu<sup>1</sup>, and Yunbin He<sup>1</sup>  
Hubei Univ., China

Fr-G2-5

12:15 - 12:30

**TiO<sub>2</sub>/ Carbon Nanotube Mesoporous Scaffold - The Effective Electron Collector for TCO Electrode-Free Perovskite Solar**

Van Dang Tran and Soon-Gil Yoon  
Chungnam Nat'l Univ., Korea