



<b>Session Title</b>	<b>[ThA3] OLED V</b>
<b>Date / Time</b>	July 5 (Thu.), 2018 / 15:55-17:30
<b>Room</b>	Room A (#101+102)
<b>Session Chair</b>	TBA

**ThA3-O1**

**15:55-16:10**

**Efficient Triplet Exciton Fusion to Singlet Excitons in Organic Light-Emitting Diodes**

Le Yang<sup>1,2</sup>, Dawei Di<sup>2</sup>, Johannes Richter<sup>2</sup>, Kevin Musselman<sup>3</sup>, Judith L. MacManus-Driscoll<sup>2</sup>, and Richard H. Friend<sup>2</sup>

<sup>1</sup>IMRE, Singapore, <sup>2</sup>Univ. of Cambridge, UK, <sup>3</sup>Univ. of Waterloo, Canada

**ThA3-O2**

**16:10-16:25**

**Predicting the Emission Efficiency of Organometallic Complexes in OLEDs**

Xiuwen Zhou and Benjamin J. Powell

*The Univ. of Queensland, Australia*

**ThA3-O3**

**16:25-16:40**

**Novel Furo[3,2-c]pyridine Based Ir Complexes for Efficient Phosphorescent OLEDs**

Junqiao Ding and Zhimin Yan

*Changchun Inst. of Applied Chemistry, Chinese Academy of Sciences, China*

**ThA3-O4**

**16:40-16:55**

**Tuning of The Triplet Energy and Intersystem Crossing Rate by Promoting Sterically Hindrance in Metal-Free Room Temperature Phosphorescent Organic Emitters**

Rongjuan Huang and Fernando B. Dias

*Durham Univ., Durham*

**ThA3-O5**

**16:55-17:10**

**Highly Efficient Near-Infrared Organic Fluorescent Materials and Light-Emitting Devices**

Jie Xue, Qingxin Liang, Lian Duan, and Juan Qiao

*Tsinghua Univ., China*

**ThA3-O6**

**17:10-17:25**

**Conjugated Oligomers and Copolymers for Near-Infrared Light-Emitting Devices**

Petri Murto<sup>1</sup>, Alessandro Minotto<sup>2</sup>, Zewdneh Genene<sup>3</sup>, Andrea Zampetti<sup>2</sup>, Shi Tang<sup>4</sup>, Wendimagegn Mammo<sup>3</sup>, Mats Andersson<sup>5</sup>, Ludvig Edman<sup>4</sup>, Franco Cacialli<sup>2</sup>, and Ergang Wang<sup>1</sup>

<sup>1</sup>Chalmers Univ. of Tech., Sweden, <sup>2</sup>Univ. College London, UK, <sup>3</sup>Addis Ababa Univ., Ethiopia, <sup>4</sup>Umea Univ., Sweden, <sup>5</sup>Flinders Univ., Australia