

Session Code	[02] ThC2
Session Title	Materials and Devices for Displays and Optoelectronics 11
Date and Time	Thursday, October 7, 2021 / 14:00-15:20
Session Room	Room C (301)
Session Chair(s)	Jongchul Lim (Chungnam Nat'l Univ., Korea)

---

**[[02] ThC2-1] Invited Talk** **[Online] 14:00-14:25**

---

**How to Obtain both High Mobility and High Stability in Oxide TFTs?**

Junghwan Kim, Yu-Shien Shiah (*Tokyo Inst. of Tech., Japan*), Katsumi Abe (*Silvaco Japan, Japan*), and Hideo Hosono (*Tokyo Inst. of Tech., Japan*)

---

**[[02] ThC2-2]** **14:25-14:40**

---

**Engineering Chemical Vapor Deposition for Lead-Free Perovskite-Inspired MA<sub>3</sub>Bi<sub>2</sub>I<sub>9</sub> Self-Powered Photodetectors with High Performance and Stability**

Van-Hoang Vuong, S. V. N Pammi, and Soon-Gil Yoon (*Chungnam Nat'l Univ., Korea*)

---

**[[02] ThC2-3]** **14:40-14:55**

---

Withdrawn

---

**[[02] ThC2-4] Invited Talk** **[Online] 14:55-15:20**

---

**Zero-Energy Cooling Technologies for Optoelectronics and Infrastructures**

Sun-Kyung Kim, Jin-Woo Cho, and Eun-Joo Lee (*Kyung Hee Univ., Korea*)