

**Session Code** [13] ThB2

**Session Title** X-ray Scattering 1  
**Date and Time** Thursday, October 7, 2021 / 14:00-15:20  
**Session Room** Room B (Samda B)  
**Session Chair(s)** Hyun Hwi Lee (POSTECH, Korea)

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**[[13] ThB2-1] Invited Talk** 14:00-14:25

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X-Ray GIWAXS Study on the Growth of Metal-Halide Perovskite Film for Photovoltaic Devices

Hyo Jung Kim (*Pusan Nat'l Univ., Korea*), In Wha Cho (*GIST, Korea*), Seung Yeon Hong, and Sung Hun Lee (*Pusan Nat'l Univ., Korea*)

**[[13] ThB2-2] Invited Talk** [Online] 14:25-14:50

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Organic Semiconductor for Photoelectrochemical Application

Jun-Ho Yum, Han-Hee Cho, Liang Yao, and Kevin Sivula (*EPFL, Switzerland*)

**[[13] ThB2-3]** 14:50-15:05

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Molecular Engineering Towards High Efficiency and Stable Perovskite Solar Cells

Ji-Youn Seo (*Pusan Nat'l Univ., Korea*)

**[[13] ThB2-4]** 15:05-15:20

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Impact of Structural Evolution on Ovonic Threshold Switching Behavior in Amorphous Se-Deficient Ge-As-Se Thin Films

Sang Yeol Shin, Hyun Kim (*Korea Aerospace Univ., Korea*), Byung-Ki Cheong (*KIST, Korea*), and Yong Gyu Choi (*Korea Aerospace Univ., Korea*)