

**Session Code [01] ThA3**

<b>Session Title</b>	Catalyst 3
<b>Date and Time</b>	Thursday, October 7, 2021 / 15:40-16:40
<b>Session Room</b>	Room A (Samda A)
<b>Session Chair(s)</b>	Il-kyu Park (Seoul Nat'l Univ. of Sci. and Tech., Korea) Jongchul Lim (Chungnam Nat'l Univ., Korea)

**[[01] ThA3-1]****15:40-15:55****3D Flower-like NiS/MoS<sub>2</sub> for Enhanced Overall Water Splitting by Hetero-Interface Effects**Jiwon Kim, Hyung Wook Choi, Dong In Jeong, Jung Hyeon Yoo, Seong Guk Jeong, Seok Bin Kwon, and Dae Ho Yoon (*Sungkyunkwan Univ., Korea*)**[[01] ThA3-2]****15:55-16:10****Cell Performance Investigation on Electrode and Operation Conditions in Anion Exchange Membrane-Unitized Regenerative Fuel Cells (AEM-URFCs)**Md. Masud Rana, Ho-Jung Sun, Gyungse Park (*Kunsan Nat'l Univ., Korea*), Hyung-Ryul Rim, Hong-Ki Lee (*Woosuk Univ., Korea*), and Joongpyo Shim (*Kunsan Nat'l Univ., Korea*)**[[01] ThA3-3]****16:10-16:25****Improving the Efficiency of Catalyst Screening for Hydrogen Evolution Reaction via Machine Learning**Jeahyoung Lim, Ye-Eun Shin, Dong-Kyu Lee, Heechae Choi, and Uk Sim (*Chonnam Nat'l Univ., Korea*)**[[01] ThA3-4]****16:25-16:40****Fe<sub>2</sub>O<sub>3</sub> Hierarchical Tubular Structure Decorated with Cobalt Phosphide (CoP) Nanoparticles for Efficient Photoelectrochemical Water Splitting**Nguyen Duc Quang, Phuoc Cao Van, Duc Duong Viet, Jong-Ryul Jeong, Dojin Kim, and Chunjoong Kim (*Chungnam Nat'l Univ., Korea*)