

Session Code	[08] WeH2
Session Title	Interdisciplinary Discussion 2
Date and Time	Wednesday, October 6, 2021 / 13:20-14:20
Session Room	Room H (202)
Session Chair(s)	Jungho Ryu (Yeungnam Univ., Korea) Hongsoo Choi (DGIST, Korea)

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**[[08] WeH2-1] 13:20-13:35**

**Quantitative Reduction Degree Measurement by Analyzing Hygrometry of the Machine-Flow Type Molybdenum Oxide Reduction Process**

Yoseb Song, Haq Aneeq, Da-Woon Jeong (*KITECH, Korea*), Jeong Gon Kim (*Incheon Nat'l Univ., Korea*), and Bum-Sung Kim (*KITECH, Korea*)

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**[[08] WeH2-2] 13:35-13:50**

**Methodology for the Growth of Dense Al<sub>2</sub>O<sub>3</sub> Corrosion Barriers for ZnO/Cu/ZnO Transparent Heater**

Geumhyuck Bang and Doocho Choi (*Dong-Eui Univ., Korea*)

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**[[08] WeH2-3] 13:50-14:05**

**Atomic-Scale Chemical Analysis for Understanding the Role of Dopant (Al, Ti, Zr) on the Structure Properties of Nickel-Rich Cathode for Lithium-Ion Batteries**

So-Yeon Kim, Yu-Jeong Yang (*POSTECH, Korea*), Eungyu Lee (*KRICT, Korea*), Gi-Yeop Kim (*POSTECH, Korea*), Sungho Choi (*KRICT, Korea*), and Si-Young Choi (*POSTECH, Korea*)

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**[[08] WeH2-4] [Online] 14:05-14:20**

**Amorphous Metal Oxide Bilayers to Avoid Sneak-Path Currents in Resistive Memory Devices**

Shruti Nirantar, Md. Ataur Rahman, Madhu Bhaskaran, Sumeet Walia, and Sharath Sriram (*Royal Melbourne Inst. of Tech. Univ., Australia*)