



## [Session A] Photocatalysis and Solar Cell 8

<b>Date / Time</b>	November 3, 2021 / 10:50-12:30
<b>Session Code</b>	WeA1-01
<b>Session Chair</b>	Prof. Jong Hyeok Park (Yonsei University, Korea)

WeA1-01-1 **Keynote Talk**

[Live] 10:50-11:20

**Formation Mechanisms of O<sub>3</sub> and SOA from Typical VOC Photooxidation**

Yuemeng Ji, Weina Zhao, Jiangyao Chen, and Guiying Li, and Taicheng Ana,<sup>b</sup>  
*Guangdong University of Technology, China*

WeA1-01-2 **Invited Talk**

[Live] 11:20-11:40

**Fabrication of Hierarchical Inverse Opal Graphitic Carbon Nitride for Degradation of Bisphenol a, Methylene blue, Rhodamine B, and Tetracycline as Target Organic Pollutants**

Maliheh Razavi-Esfali, Tahereh Mahvelati-Shamsabadi, and Byeong-Kyu Lee  
*University of Ulsan, Korea*

WeA1-01-3 **Invited Talk**

[Pre-recorded] 11:40-12:00

**Nano-Structure Controlled Nanosheet-Dye Complexes and Their Utilization for Photochemical Reactions**

Tetsuya Shimda, Tamao Ishida, and Shinsuke Takagi  
*Tokyo Metropolitan University, Japan*

WeA1-01-4 **Oral**

[Live] 12:00-12:15

**Magnetic-field-enhanced Photocatalytic Degradation of Phenol red Over Rare-earth Modified BiFeO<sub>3</sub> Nanostructures Under Visible-light**

Radhalayam Dhanalakshmi and Juliano Casagrande Denardin  
*University of Santiago of Chile, Chile*

WeA1-01-5 **Oral**

[Pre-recorded] 12:15-12:30

**Photocatalytic Oxidation Paths of Acetaldehyde and Toluene on Fe-loaded TiO<sub>2</sub> under Visible Light Irradiation: Impacts of Humidity and Operando DRIFT Study**

Hyun Ook Seo<sup>1</sup> and Young Dok Kim<sup>2</sup>

<sup>1</sup>Sangmyung University, Korea, <sup>2</sup>Sungkyunkwan University, Korea