

[ThA2] UV Photonics and Photonic Devices II

Date / Time May 26 (Thu.), 2022 / 10:55–12:05

Place Convention Hall A

Session Chair Dong-Seon Lee (GIST, Korea)

[ThA2-1] Invited Talk

Online 10:55–11:25

Harmful Role of Hydrogen in Deep UV Materials and Devices

Duanjun Cai¹, Shiqiang Lu¹, Zhibai Zhong¹, Bin Guo¹, Zefeng Lin¹, Xiaohong Chen¹, Feiya Xu¹, Fuchun Xu¹, Shuping Li¹, Junyong Kang¹, June Key Lee²

¹Xiamen University, China, ²Chonnam National University, Korea

[ThA2-2] Oral

Online 11:25–11:45

One-Dimensional Confinement of Excitons in GaN/AlN Nanostructures Formed on Bunched Steps

Mitsuru Funato, Yoichi Kawakami

Kyoto University, Japan

[ThA2-3] Oral

Offline 11:45–12:05

Color-Converting Phosphor with Metal-Organic Frameworks Based Mixed-Matrix Membrane for High-Speed Ultraviolet-Light Optical Wireless Communication

Yue Wang, Jian-Xin Wang, Omar Alkhazragi, Chun Hong Kang, Zyad O. F. Mohammed, Tien Khee Ng, Omar F. Mohammed, Boon S. Ooi

King Abdullah University of Science and Technology, Saudi Arabia