[WeB2] Applications of UV LEDs

Date / Time May 25 (Wed.), 2022 / 13:00–14:40
Place Convention Hall B
Session Chair Okhyun Nam (Tech University of Korea, Korea)

[WeB2-1] Invited Talk — Offline 13:00–13:30

Current Status and Future Works of High-Power Deep UV LEDs

Rakjun Choi, Kyoung-Hoon Kim, Sung-Jin Son
SL Vionics Co., Ltd., Korea

[WeB2-2] Invited Talk — Online 13:30–14:00

Deep Ultraviolet Micro-LEDs Exhibiting High Output Power and Broad Bandwidth Simultaneously

Xinqiang Wang[1], Duo Li[1], Shangfeng Liu[1], Junjie Kang[2], Pengfei Tian[3], Bo Shen[1]
[1]Peking University, China, [2]Songshan Lake Materials Laboratory, China, [3]Fudan University, China

[WeB2-3] Oral — Online 14:00–14:20

Spectrally Pure Far-UVC Emission from AlGaN-Based LEDs Using Dielectric Band Pass Filters for Skin-Tolerant UV Antisepsis

Martin Guttmann[1,2], Neysha Lobo-Ploch[2], Heiko Gundlach[1], Frank Mehnke[1], Marcel Schilling[1], Luca Sulmoni[1], Tim Wernicke[1], Hyun Kyong Cho[2], Thomas Filler[2], Ulrike Woggon[1], Indira Käpplinger[3], Thomas Ortlepp[3], Johannes Schleusener[4], Martina C. Meinke[4], Paula Zwicker[5], Axel Kramer[5], Sven Einfeldt[2], Michael Kneissl[1,2]
[1]The Technical University of Berlin, Germany, [2]Ferdinand-Braun-Institut, Germany, [3]CiS Forschungsinstitut für Mikrosensorik GmbH, Germany, [4]Charity-University Medicine Berlin, Germany, [5]Greifswald University Hospital, Germany

[WeB2-4] Oral — Online 14:20–14:40

Simultaneous Improvement of the Reliability and Efficiency of UV LEDs

J.Ruschel[1], J. Glaab[1], T. Kolbe[1], N. Susilo[2], A. Knauer[1], M. Schilling[2], S. Hagedorn[1], T. Wernicke[2], M. Weyers[1], M. Kneissl[1,2], S. Einfeldt[1]
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