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ON MANUFACTURING TECHNOLOGY 2024

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Paradise Hotel Busan & Grand Josun Busan
(Haeundae Beach) | Busan, Korea



Prof. You-Shin No

(Konkuk University, Republic of Korea)



You-Shin No received his B.S and Ph.D. degrees in Department of Physics from Korea University, Seoul, Korea, in 2008 and 2014, respectively. He worked as a post-doctoral fellow in the Department of Chemistry and Chemical Biology at Harvard (2014-2017). He became an assistant professor in the Department of Physics at Konkuk University (2017-2021). He became an associate professor in the same department in 2021 (2021-present) and served as a department chair (2022-2024). His research interests include key photonic elements and integrated photonic circuits and systems. In particular, his group focuses on the development of III-V/Si heterogeneous/hybrid and three-dimensional (3D) vertical integration and manipulation technologies, and the development of ultimate light sources at nanoscale (e.g., nanolasers, nanoLEDs, nano-emitters, etc.) and its on-chip, on-demand integration.