

Session Title:	[We3F] Low-dimensional Photonics II
Session Date:	August 7 (Wed.), 2024
Session Time:	15:45-17:15
Session Room:	Room F (115)
Session Chairs	Dr. Son Tung Ha (A-STAR, Singapore)

[We3F-1] [Invited] 15:45-16:15

Strain-exciton Coupling in Two-dimensional Materials

SungWoo Nam (Univ. of California, Irvine, USA)

[We3F-2] 16:15-16:30

Enhancing Guided Exciton-Polariton Performance in Multilayered WS₂ through hBN Encapsulation

Ho Seung Lee, Junghyun Sung, Dong-Jin Shin, and Su-Hyun Gong (Korea Univ., Korea)

[We3F-3] 16:30-16:45

Optimising Diamond Pillar Geometry for Enhanced NV Fluorescence Emission

S. Baghapour, Wen Qi Zhang (Univ. of South Australia, Australia), M. Capelli, S. Li, B. C. Johnson, A. Greentree, P. Reineck (RMIT Univ., Australia), D. A. Simpson (The Univ. of Melbourne, Australia), H. Ebendroff-Heidepriem (The Univ. of Adelaide, Australia), B. C. Gibson (RMIT Univ., Australia), S.C. Warren-Smith, and S. Afshar Vahid (Univ. of South Australia, Australia)

[We3F-4] 16:45-17:00

Optically Active Spin Defects in Epitaxial Hexagonal Boron Nitride

K. Ludwiczak, J. Binder, A. K., Dąbrowska, P. Tatarczak, and A. Wysmołek (Univ. of Warsaw, Poland)

[We3F-5] 17:00-17:15

Self-Limited Thinning Approach for Strictly Monolayer 2D Materials

Shi Wun Tong and Dongzhi Chi (Inst. of Materials Research and Engineering, A*STAR, Singapore)