

[TS14T3]

Nanometric Metrology and Computation 2

Date & Time	July 4(Thu.), 2024 / 09:00–10:30
Place	Room 209B
Session Chair(s)	Jaekwang Lee (Pusan Nat'l Univ.)

TS14T3_I_1 *Invited 09:00–09:30

Emergent Phenomena in Complex Oxide Thin Films

Hanghai Chen^{1,2}

(¹NYU Shanghai, ²New York University)

TS14T3_O_2 09:30–09:45

Phonon Decoupling in Brownmillerite Structures

Yeongrok Jin and Jaekwang Lee

(Pusan National University)

TS14T3_I_3 *Invited 09:45–10:15

Deep Learning Sub-nm Resolution Crystallographic Mapping of Polycrystalline Doped Hafnium Oxide Thin Films

Young-Min Kim

(Sungkyunkwan University)

TS14T3_O_4 10:15–10:30

Bayesian Optimization-Based Discovery of Element Combinations for Stabilizing Sodium Excess Phase of $\text{Na}_3\text{V}_2(\text{PO}_4)_2\text{F}_3$

Sanghyeon Park^{1,2}, Chan-Woo Lee², and Jong Min Yuk¹

(¹KAIST, ²KIER)