

OS1 (Room A)

DAY3

Friday 9th December

Oral Session (OS1-21 - OS1-26) Fracture of Materials and Structures 6 (Nanoscale) Chair: Toshiyuki KONDO (Osaka University)	
09:00 - 11:00	OS1-21 (C10094) Improved Verwey Transition of 50 nm Fe ₃ O ₄ Thin Film Grown on Atomically Ordered Smooth MgO Substrate ○Ai OSAKA (Osaka University), Daisetsu TOH, Kazuto YAMAUCHI, Yasuhisa SANO, Hidekazu TANAKA, Azusa HATTORI
	OS1-22 (C10103) The Degree of Freedom Associate with the 1D Thermal Glide of a Prismatic Dislocation Loop in α -Iron: A Molecular Dynamics Study ○Mugilgeethan VIJENDRAN (Kyoto University of Advanced Science), Ryosuke MATSUMOTO
	OS1-23 (C10097) Fracture Behaviors and Applications of Two-Dimensional Covalent Organic Frameworks (COF) Films ○Chao WANG (Harbin Institute of Technology), Chao SUI, Gong CHENG, Weizhe HAO
	OS1-24 (C10172) Fracture Behavior Modulation in Nanoscale Thin Films by the Nano-Notch ○Yabin YAN (East China University of Science and Technology), Guoqing XU
	OS1-25 (C10157) Alternative Fracture Theories for Nano-Sized Brittle Components ○Kai HUANG (Harbin Institute of Technology), Yan WANG, Pengfei JIA, Licheng GUO
	OS1-26 (C10022) Evaluation of Tensile Strength of Carbon Nanotube by Sonication-Induced Scission ○Yoshinobu SHIMAMURA (Shizuoka University), Po-Wei SU, Tomoyuki FUJII, Yoku INOUE