

TI-FRIS/FRIS Symposium 2025: Oral Presentations by FRIS Advanced Interdisciplinary Research Division Members (10 min x 6)
Day 1: Wednesday, February 19, 2025

Time	Presenter	Affiliation	Title	(Title in Japanese)
14:30	Hiroshi Masumoto	FRIS, Tohoku Univ.	Creation of novel multifunctional properties by nano-granular thin films	ナノ複相薄膜による新しい複合機能の創製
14:40	Takashi Itoh	FRIS, Tohoku Univ.	In Situ Surface Enhanced Raman Scattering (SERS) of the Dendrite Inhibitor Additives on Zinc Anode	亜鉛負極のデンドライト抑制添加剤のその場表面増強ラマン分光法による動的挙動解析
14:50 (pre-rec)	Shinsuke Niwa	FRIS, Tohoku Univ.	Identification of genetic suppressors for disease associated Kif1a variant through In silico analysis	
15:00	Takehito Shimatsu	FRIS, Tohoku Univ.	Atomic diffusion bonding: room temperature bonding to create new interface structure	原子拡散接合法: 室温接合による界面構造の創成
15:10	Junji Saida	FRIS, Tohoku Univ.	Direct Observation of Deformation Behavior of Zr-based Metallic Glass with a Gradient Relaxation Structure by a Digital Image Correlation (DIC) Method	デジタル画像相関法による傾斜緩和構造Zr基金属ガラスの変形挙動の直接観察
15:20	Kenji Toma	FRIS, Tohoku Univ.	Mechanism of energy release from black holes	ブラックホールからのエネルギー放出のメカニズム
15:30	Takaaki Tomai	FRIS, Tohoku Univ.	Interdisciplinary science for structural control of nanomaterials toward carbon neutral chemical industry	