

TI-FRIS/FRIS Symposium 2025: Oral Presentations by TI-FRIS Fellows and FRIS Creative Interdisciplinary Research Division Members (10 min x 10)

Day 1: Wednesday, February 19, 2025

Time	Presenter	Affiliation	Title	(Title in Japanese)
11:10	Tom Welling	FRIS, Tohoku Univ.	Supraparticle pigments for sustainable paints	
11:20	Linda Zhang	FRIS, Tohoku Univ.	Unveiling Hydrogen Dynamics in MOF Frameworks: Insights from Neutron Scattering Studies	
11:30	Hiroyuki Uechi	FRIS, Tohoku Univ.	The solid-like property of the cell-cell adhesion protein organizes multicellular dynamics	
11:40	Yuta Kudo	FRIS, Tohoku Univ./TI-FRIS Fellow	Exploring Novel Compounds in Nature: Focusing on Natural Toxins and Microbial Hormones	自然界の新規成分を探る：自然毒と微生物ホルモン
11:50	Izumi Matsudaira	FRIS, Tohoku Univ.	Parent-Offspring Brain Similarities: Insights into Neural Development	親子の類似性から紐解くヒトの脳発達
13:30	Chao Tang	FRIS, Tohoku Univ.	Ultra-fast and sensitivity THz detection based on 2D heterostructures	二次元ヘテロ構造による高速・高感度THz検出
13:40	Takahiro Chiba	FRIS, Tohoku Univ.	Hybrid magnonics for quantum information technology	
13:50	Tomohito Sekine	Yamagata Univ./TI-FRIS Fellow	Development of Robotic Digital Skin combination with AI Technology	AI技術を統合したロボットデジタルスキンの開発
14:00	Yuka Fujiki	FRIS, Tohoku Univ.	Analyzing network structures: effects of clique size fluctuations	ネットワーク構造の解析：クリークサイズゆらぎの影響
14:10 (online)	Sai Sun	FRIS, Tohoku Univ./TI-FRIS Fellow	Circuit-Specific Neuromodulation for Enhancing Social Function in Psychiatric Patients	「精神疾患患者の社会的機能向上を目指した回路特異的ニューロモジュレーション」