

**TI-FRIS/FRIS Symposium 2024: Oral Presentations by PIs of FRIS's Program for Creation of Interdisciplinary Research and Creative Interdisciplinary Collaboration Program (10 min x 9)**

**Day 2: Wednesday, February 21, 2024**

<b>Time</b>	<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>(Title in Japanese)</b>
10:30 (pre-rec)	Kotaro Yasui	FRIS, Tohoku Univ.	Exploring control principles underlying animal navigation based on embodiment	
10:40	Hanae Aoki	Graduate School of Engineering, Tohoku Univ.	Cultivating engineering-mind in female high-school students through series laboratory training on nano-material sciences	ナノマテリアルサイエンスを通じた女子高生に対する工学マインドの醸成
10:50	Takako Kikkawa	Graduate School of Medicine, Tohoku Univ.	Elucidation of brain developmental mechanism causing gender differences in neurodevelopmental disorder	神経発達障害の性差を生み出す脳発生プログラムの解明
11:00	Yukiko Tando	IDAC, Tohoku Univ.	Identification of factors transmitting the effects of maternal environmental changes to grandchild generations	母体環境変化の影響を次世代に伝える因子の同定
11:10	Shinichi Sato	FRIS, Tohoku Univ.	Development of high-efficient method to detect protein denaturing regions	
11:20	Kenichi Funamoto	IFS, Tohoku Univ.	Development of measurement-integrated analysis for reproduction of tissue morphogenesis	組織の形態形成を再現する計測融合解析技術の創成
11:30	Yuanyuan Guo	FRIS, Tohoku Univ./TI-FRIS Fellow	Navigating Complex Biological Systems with Smart Fibers	
11:40	Ryuichi Kumagai	Graduate School of Education, Tohoku Univ.	Development of mentoring tools that facilitate academic management of scientific laboratories.	大学の理系研究室運営に活用可能なメンタリングツールの開発
11:50	Izumi Matsudaira	FRIS, Tohoku Univ.	Creating the novel research field of Family-Level Individuality	子どもが創る家族のかたち - 「〇〇家らしさ」の生物学的基盤の探究 -