

世界的課題を解決する知の「開拓者」育成事業
Tokai Pathways to Global Excellence



世界的課題を解決する知の「開拓者」育成事業(T-GEx)では、「国」「業種」「分野」「文化」の壁を打ち破り、異なる領域の知と経験を縦横につなぎながら新たな課題に常に挑戦し、チームを牽引して世界的問題解決を実現する高度な知の「開拓者」を育成します。

令和7年度

研究成果 エキシビション ー 研究と社会の接点 ー

令和7年 12/17 水 13:00 ↓ 18:00

現地開催のみ

開催
場所

名古屋大学 東山キャンパス
EI創発工学館2階FUJIホール
アクセスマップ

<https://www.engg.nagoya-u.ac.jp/access/index.html>



特別講演

横山 広美氏 (東京大学)
「ポピュリズム時代の科学信頼」

ショートプレゼンテーション & ポスター発表

T-GExの若手研究者(大学/企業)

本イベント参加には事前登録が必要です。

申し込み期限

令和7年12月8日(月)

申し込み先

<https://www.t-gex.nagoya-u.ac.jp/exhibition2025/>



特別講演

13:10 - 14:10

ポピュリズム時代の科学信頼

横山 広美氏 (東京大学)

科学の信頼は、科学を実行する科学者の信頼や、データへの信頼などいくつかに分けることができる。Covid-19の後、意外にも科学への信頼は下がらなかったが、世界では気候変動をはじめ深刻な問題も多い。日本においても対岸の火事ではなく、リベラル・保守による科学への信頼には違いがある。当日は科学の信頼や、危機時の科学的助言を「グループボイス」で行うことの利点について紹介する。



ショートプレゼンテーション

14:20 - 15:15

各ポスターの概要がわかるよう、ショートプレゼンテーションを実施いたします。

ポスター発表

15:30 - 17:30

ポスター発表は、専門領域以外の方々にも伝わるようお話しいたします。

発表者名	所 属	題 目
1 Kanae TAKAHASHI	Meijo University	Who cooperate with the social research?
2 Aiko HOSHINO	Nagoya University	Visualizing the Voices of Workers on Mental Health Leave through Participatory Action Research
3 Hoshiko YAMAUCHI	Chubu University	Understanding Highly Creative Scientists: A Clinical Psychological Approach
4 Takashi MORITA	Chubu University	Emergence of the Primacy Effect in Structured State-Space Models
5 Shun OKUHARA	Mie University	Utility-Guided Agreement Generation from Negotiation Dialogues Using Large Language Models
6 Shinya SUGIHARA Tomoya AMATSUTSU	NEOREX Co., Ltd.	Practical Uses of AI in Business
7 Masayuki YAMAMOTO	DENSO CORPORATION	Delivery Planning Optimization with Educational Considerations
8 Yusuke NOZAKI	Meijo University	Security Evaluation of Evasion Attacks against Edge AI Hardware
9 Daigo OKADA	Gifu University	Blockchain-Based Knowledge Sharing System
10 Hideki TAMURA	Toyohashi University of Technology	Object material identification by the human visual system in virtual reality
11 Masafumi SHOJI	Tokai Optical Co., Ltd.	Impact of Astigmatic Axis on Text Readability
12 Kohei HONDA	Nagoya University	Environmental understanding and representation for autonomous visual navigation
13 Keita FUNAYAMA	TOYOTA CENTRAL R&D LABS., INC.	Topological waveguides enabling robust and functional signal transport
14 Naoki AZUMA	Nagoya University	Manipulation and analysis of biomolecules using micro/nanostructures
15 Hiroki KUMON	Hamamatsu Photonics K.K.	Microfluidic flow sensor using on-chip pattern laser
16 Ai UENO	Nagoya University	Development of Next-Generation In-Body Monitoring Technologies Enabled by MEMS Wearable Devices
17 Takumi SHIBUYA	Hoyu Co., Ltd.	Analysis of Hair Type Characteristics Utilizing Bioinformatics Technologies
18 Kazuki HEISHIMA	Gifu University	A Plant-Derived Secondary Metabolite Modulates Tumor Metabolism in Cancer Metastasis
19 Shohei IYOSHI	Nagoya University	Clinical proteomics of ovarian cancer ascites reveals proteomic subgroups and prognostic biomarkers
20 Akira YOKOI	Nagoya University Hospital	Overcoming Transitional Women's Total Health Care Problems by EV Analyses
21 Yoshimitsu YURA	Nagoya University Hospital	Clonal hematopoiesis; A hidden mechanism underlying cardiovascular disease
22 Seine A. SHINTANI	Chubu University	Chaordic Homeodynamics in Cardiomyocytes: Constant Period Chaos at the Sarcomere Level
23 Yuki HATTORI	Nagoya University	Cellular dynamics and roles of brain macrophages during development
24 Koyo TSUJIKAWA	Nagoya University	Establishment of a high-throughput long-read analysis platform for large-scale disease research
25 Noritoshi ATSUMI	TOYOTA CENTRAL R&D LABS., INC.	Prediction of Traumatic Brain Injury Based on Axonal Strain Using a Human Brain FE Model
26 Shunsuke ICHIKAWA	Mie University	Functional Profiling of the Gut Microbiome in Anxiety and Depression
27 Sayuri HIGASHI	Gifu University	Artificial Molecular Assemblies from Low-Molecular-Weight Compounds with Stimuli Responsiveness
28 Atsushi USAMI	Nagoya University	Bioproduction utilizing insects as living factories
29 Ryoya TANAKA	Nagoya University	Insect control through interventions in group formation behavior
30 Matthew SU	Nagoya University	Targeting the mosquito circadian clock to disrupt hearing function and behaviors
31 Hanako HAGIO	Nagoya University	Aiming at elucidation of higher-order visual functions in fish and development of eel larval feed
32 Raquel COSTA	Nagoya University	Does miscommunication between humans and animals pose a risk to their interaction?
33 Fanny BELLEGARDE	Nagoya University	Understanding mechanisms of plant acclimation to nutritional stress
34 Hironao MIYATAKE	Nagoya University	Pioneering High-redshift Cosmology
35 Kisetsu TSUGE	Gifu University	High-mass star formation in the Large Magellanic Cloud triggered by colliding HI flows
36 Hisashi HAYAKAWA	Nagoya University	Reconstruction of the extreme solar and geomagnetic storm in Feb 1872
37 Naiqi LI	Nagoya University	Reconstructing the Linguistic Silk Road
38 Ryosuke MIYAO	Nanzan University	Analysis of the Contribution of Urban Law to Climate Change
39 Jiayuan WANG	Tokai Tokyo Securities Co., Ltd.	The Relationship of Entrepreneurship Education (EE) and Entrepreneurial Intention in University