

December 8, 2022 (Thu) 13:00-16:45

Venue : TOKYO ELECTRON House of Creativity, Katahira campus, Tohoku University

参加登録はこちらから
(締切 12/1)

Registration is required.
(Due December 1, 2022)



HYBRID EVENT

The 6th FRIS-TFC Collaboration Event

Workshop on Biosystems Design

— From nanotechnology to
microfluidics in biotechnology

Biosystems に関するDNA origami, biosensing, microfluidicsを基盤とした国内トップレベルの研究を遂行する
気鋭の研究者を講師陣として招待し、生命・工学分野を融合した学際研究の推進を目指します。

【Keynote】

13:00-13:50 Prof. Amy Shen

— break (10 mins) —

【Invited】

14:00-14:40 Prof. Kenichi Funamoto

14:40-15:20 Prof. Yuki Suzuki

15:20-16:00 Prof. Yusuke Sato

16:00-16:40 Prof. Kan Shoji

16:40 Closing

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Keynote Speaker



Amy Shen, Ph.D.
OIST, Japan

*Using microfluidics to probe
complex flows in biomimetic
systems*

Amy Shen is a professor at Okinawa Institute of Science and Technology Graduate University (OIST) in Japan, leading the Micro/Bio/Nanofluidics Unit since 2014. She was a faculty member in Mechanical Engineering at the University of Washington (USA) prior to moving to Japan.

Invited Speakers



Kenichi Funamoto, Ph.D.
Tohoku University

*Microfluidic platform for investigation
of hypoxic responses of eukaryotic
cells*



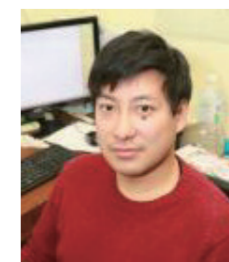
Yusuke Sato, Ph.D.

Kyushu Institute of Technology
*Construction of bio-inspired artificial
molecular systems and devices based on
DNA nanotechnology*



Yuki Suzuki, Ph.D.
Mie University

*Creation of nano- and microscale
structures from DNA*



Kan Shoji, Ph.D.

Nagaoka University of Technology
*Electrode-Tethered DNA Nanopore Systems
for Nanopore Sensing*