

# TOKYO TECH – CAMBRIDGE WORKSHOP ON SUMMER EXCHANGE RESEARCH PROGRAM

Growing opportunities for research exchange and collaboration



**FRIDAY, NOVEMBER 25TH**  
**START AT 09:30–11:00 AM (UK TIME)**  
**18:30–20:00 PM (JP TIME)**

**09:00–09:30 Zoom Conference Starting**

**09:30–09:40 Opening Remarks**

Mr. Philip Guildford (CAM, Chief Operating Officer, Department of Engineering)

Prof. Hidetoshi Sekiguchi (Tokyo TECH, Dean of School of Materials & Chemical Technology)

**09:40–09:50 Introduction of Summer Exchange Research Program (SERP)**

Prof. Fumiya Iida (CAM, Department of Engineering)

Prof. Takaaki Manaka (Tokyo TECH, School of Engineering)

**09:50–10:20 SERP Student Presentations, study & experience**

Mr. Naoki Tano

Mr. Touta Kobayashi

Mr. Yoshiki Kawai

**10:20–11:00 Panel Discussion**

"How to strengthen Tokyo–Tech Cambridge collaborations?"

**11:00–11:05 Closing**

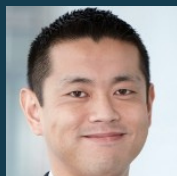
# SIGN UP FOR WORKSHOP



[HTTPS://ZOOM.US/MEETING/REGISTER/TJIVCOUPQJOJE91KEY\\_LAK81GSIU3-1EGJVS](https://zoom.us/join/zoom/register/tjivcoupqjoje91key_lak81gsiu3-1egjvs)

## SPEAKER

### PANEL DISCUSSION



Professor Fumiya Iida (Department of Engineering)

Keyword (Research interests): Bio-Inspired Robotics Lab lie at the intersection of robotics and biology. Specific research topics include legged robot locomotion, evolutionary robotics, human-robot interactions, and embodied artificial intelligence.



Professor Tawfique Hasan (Department of Engineering)

Keyword (Research interests): Nanomaterials Engineering at the Cambridge Graphene Centre, Cambridge University Engineering Department and leads the group. He is also the Deputy Head of Electrical Engineering.



Professor Nedunchezian Swaminathan (Department of Engineering)

Keyword (Field of Study): heat release rate distribution, pollutants formation, combustion instabilities, etc., of fuel-lean combustion in gas turbine and IC engine conditions.



Professor Takaaki Manaka (School of Engineering)

Keyword (Field of Study): Electronic properties in general. Organic electronics, dielectric properties

Chair of Engineering Schools International Cooperation Steering Committee



Professor Shiro Yoshikawa ( School of Materials & Chemical Technology)

Keyword (Field of Study): Mechanical Operation, Fluid Engineering, Membrane Separation

Chair of Engineering Schools International Exchange Implementation Committee



Professor Jeffrey Scott Cross (School of Environment and Society)

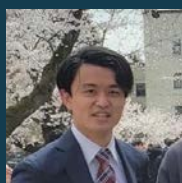
Keyword (Field of Study): online learning, learning Analytics, AI, Artificial Intelligence, AI in education, Engineering Education, Biofuels, Catalysts, Energy Policy, Waste to Energy.

Member of Engineering Schools International Cooperation Steering Committee

### SERP STUDENTS



Machine learning for fluid dynamics  
& How you enjoy studying in Japan



Relationship between Deformable  
Mesh Structure and Sensitivity in  
Gelatin Strain Sensors & Charms of  
Cambridge University



Nanotechnology Collaboration –  
Nanofibers & Graphene & My very  
own Tokyo Institute of Technology.