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
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 Nedunchezhiyan 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

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.