

Tokyo Tech Winter Program 2018

	Academic supervisors		Participants' research projects
1	Professor	Motomu Nakashima	Design for a Breaststroke Swimming Prosthesis for Forearm Amputees
2	Professor	Kazuhiro Yoshida	Characterisation of a microvalve using particle type Electro-Rheological Fluid (ERF)
3	Associate Professor	Takahiro Shinozaki	End-to-end speech recognition for Japanese learners of English
4	Associate Professor	Takako Yoshida	An fMRI Brain-Computer Interface for hand movement states based on classification of spatial patterns in brain activity
5	Associate Professor	Yoh-ichi Tagawa	Developing a Microfluidic In-Vitro Model of a Murine Blastocyst for the Study of Innate Immunity
6	Associate Professor	Hiroataka Aoki	Eye Tracking Technique as a Cognitive Task Analysis Tool in Diagnosis of Infant Epilepsies
7	Associate Professor	Chihiro Yoshimura	The Relationship between Water Conditions and Large Water Birds in TSL Reserve
8	Professor	Akira Chiba	Optimization of 6-pole/12-pole SPM Electromagnetic Parts of Swirling Actuator
9	Professor	Mina Okochi	Screening of an aphid odorant-binding protein for limonene-binding peptides
10	Professor	Koichi Shinoda	Speech Emotion Recognition
11	Associate Professor	Ryuichi Egashira	Process Concentrating Bioethanol Using Liquid-liquid Equilibrium
12	Professor	Hidehiko Masuhara	Designing a Domain Specific Language and Its Transformer for Back-end Development of Information Management Systems
13	Professor	Toshihiko Ohnuki	Recovery of Cobalt and Zinc using Biomass Manganese Oxide
14	Associate Professor	Takahiro Aoyagi	Mathematical Model of RF Energy Harvesting in WBAN using CDMA-CA MAC Layer
15	Associate Professor	Kazutaka Nakamura	Experiment and theory of coherent control of optical phonon-plasmon states in GaAs
16	Professor	Hiroshi Kimura	Development of a live-cell probe for visualizing phosphorylated RNA polymerase II
17	Associate Professor	Mitsutoshi Ueda	Chromia Scale Morphology in Steam Oxidation of Fe-20Cr-35Ni (at.%) at 1073 K.
18	Professor	Yuki Yamaguchi	Identification of novel CRBN substrates