

## Tokyo Tech Winter Program 2017-2018

Academic supervisors		Research projects assigned to the international students
Professor	Hiroya Takamura	Auxiliary Tags in Neural Summarization
Professor	Masahiro Yamaguchi	A Study in Image Color Difference Measurement by Jeffrey Divergence
Associate Professor	Takahiro Shinozaki	Evolutionary Methods in Neural Machine Translation
Associate Professor	Shigeo Nishikizawa	Social Acceptance of Solar Power in Close Proximity to Solar Power Plants
Professor	Kunio Yoshikawa	Effects of Carbonisation Degree on Char Properties, Pelletability and Pellet Quality of Cedar Wood Chips
Professor	Tetsuya Suekane	Visualization of 3D interaction of viscous fingering with gravitational segregation in porous media
Associate Professor	Toshiyuki Ikoma	Manufacture and characterization of properly-structured cartilage scaffold by electrolysis method with addition of iron-oxide nanoparticles
Professor	Junichiro Niwa	Shear Behavior of UFC-RC Hybrid Beam Structure with PBO Fiber
Associate Professor	Izumi Taniguchi	Microwave Assisted Synthesis of CuS and its Application in Lithium-Ion Rechargeable Batteries
Associate Professor	Yusuke Shimoyama	The encapsulation of timolol maleate in the liposome producing by utilizing supercritical carbon dioxide mixing and slug flow in microchannel continuous process
Professor	Kazuo Nadaoka	The analysis of water temperature data in the fringing coral reef in Shiraho, Ishigaki
Associate Professor	Takahiro Aoyagi	WEARABLE WIRELESS ELECTRONIC STETHOSCOPE DESIGN FOR RESPIRATORY RATE MONITORING
Professor	Takao Terano	RNNs on EEG and EMG - Identifying arm movements and interesting properties of electroencephalographic recordings
Associate Professor	Kazuhiko Maeda	Harvesting Energy from the Sun: A Co-polymerisation Approach to Improving Carbon Based Photocatalysts for CO <sub>2</sub> Conversion