



MUST - Kyutech

Small Joint Workshop for Potential Collaborations

Program

Registration here!:

<https://forms.gle/GmJ19s6KNoWyeFso7>



November 15th – 16th 2022 (WS)

General Information

❑ Venue :

- Kyutech Wakamatsu Campus
(Kitakyushu Science and Research Park)

❑ Dates :

- November 15th (Tue) – 18th (Fri) 2022

❑ Purpose / Aim :

In this workshop, we offer opportunities for exchanging opinions with researchers in the Mongolian University of Science and Technology (MUST) and Kyutech & the University of Kitakyushu on systematic research progress and applications of mechatronics and cutting-edge architectures based on advanced technology. It also aims to contribute and promote further joint research projects. Through discussions on possibilities of theme matching and student exchange programs, further joint publications and an acceptance of doctoral course students can be considered.



Day1 (Nov. 15th, Tue.) : Small Workshop & Lab Tour(1)

9:30 – 10:00 Lab Tour @Prof. Ikemoto's Lab

10:05 - 12:40 Small Workshop (1) – Welcome greeting from Prof. Wagatsuma
(Presentation + 5min Q&A)@1F MACS

WS(1)	10:10 - 10:40	Prof. Takeshi Nishida	Reversible automation
WS(2)	10:45 – 11:15	Prof. Naranbaatar Erdenesuren and Prof. Bayarsaikhan Bayasgalan	Current progress of joint project
Coffee break			
WS(3)	11:25 – 11:55	Prof. Shuhei Ikemoto	Introduction to Bioinspired Systems Lab
WS(4)	12:00 – 12:30	Prof. Bayarsaikhan Tsend-Ayush	Under water surveillance robot development
WS(5)	12:35 – 12:55	Dr. Enrico Di Maria (Prof. Yasukawa's Lab)	Bio-inspired Robot Vision and its application

13:00 – 14:00 Lunch Break (@cafeteria)

14:00 – 14:30 Lab Tour @Prof. Nishida's Lab (The University of Kitakyushu)

14:40 – 15:10 Lab Tour @Prof. Yasukawa's Lab

16:00 – 18:00 Welcome Event @Seminar room 3



Day2 (Nov. 16th, Wed.) : Small Workshop & Lab Tour(2)

- 10:00 – 10:30 Lab Tour @Prof. Tamukoh's Lab
- 11:00 – 11:30 Lab Tour @Prof. Nishida's Lab (Kyutech)
- 12:00 – 13:30 Lunch break (@cafeteria)
- 13:30 – 18:10 Small Work Shop (2)

(Presentation + 5min Q&A)@1F MACS

WS(6)	13:30 – 14:00	Prof. Yuya Nishida	Autonomous Underwater Vehicles for marine resource survey.
WS(7)	14:05 – 14:25	Dr. Ahamed Almassri	Real Time Tracking System for Human Robot Applications
WS(8)	14:30 – 15:00	Dr. Dondogjamts Batbaatar	Multibody dynamics for bio-inspired locomotion
Coffee break			
WS(9)	15:10 – 15:40	Prof. Yuichiro Tanaka	Introduction of Tamukoh Lab. and Neumorph Center
WS(10)	15:45 – 16:15	Prof. Ariunbayar Samdantsoodol	An Adaptive Framework for Improving the Effectiveness of Virtual Enterprises in the Supply Chain
WS(11)	16:20 – 16:50	Prof. Hiroaki Wagatsuma	Brain-Inspired Robotics: Theories and Applications for Data Science, Automation and Human Supports
Coffee break			
WS(12)	17:00 – 17:20	Dr. Uyanga Sukhbaatar	Model Simulation for Trip Recommendation system and Logistical Infrastructure in Mobile Tourism
WS(13)	17:25 – 17:45	Mr. Davaanyam Jargal	Localization of the quadruped robot
WS(14)	17:50 – 18:10	Mr. Choisuren Purevdorj	The proposal of the low cost and reliable quadruped robot in a remote place

