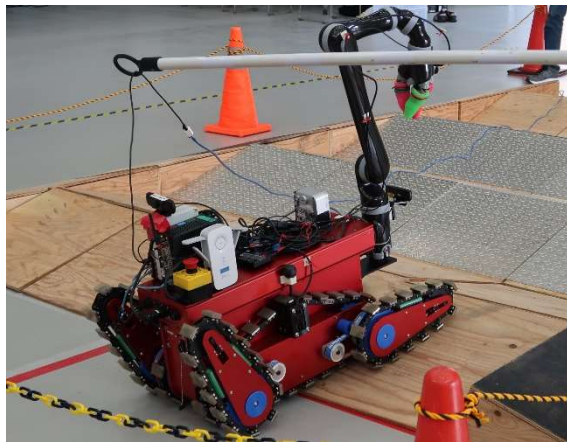
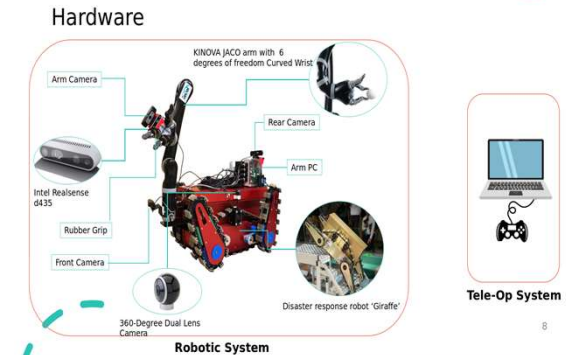


REL-UoA [Japan]



Development point

Our robot consists of main crawler, 4 sub-crawlers, and an arm with inverse kinematics, and is remotely controlled by 3 PC's. We aimed to develop intelligent robot, and have implemented automatic meter reading and autonomous grabbing functions for DEX1, and high precision map generation functions for EXP1.



Introduction of your team

[Inspiration, motivation to form a team] Researchers and students in the University of Aizu, and companies in Fukushima pref. are our team members. specialized in ICT. We have been cooperating to develop robots to improve ourselves and to show good performance in the competition.

[Future outlook] We focus not only development but also robot operation to bring out the best performance of the robot. We keep developing new intelligent functions to get better results in the competition.

Role	Name	Affiliation/Title	Specialty, Field of study
	NAKAMURA Keita	The University of Aizu, Associate Professor	Robot Performance Evaluation, Simulation
Team leader	OGAWA Hiroaki	The University of Aizu, 1st year master	Image Processing
	MANAWADU Udaka Ayas	The University of Aizu, 2nd year master	Soft Robotics, Image Processing
	ABE Kakeru	The University of Aizu, 4th year student	Main operator, Development
	SASAKI Hiroto	The University of Aizu, 3rd year student	Sub-operator
	SUZUKI Takuma	The University of Aizu, 2nd year student	Sub-operator
	SHOJI Reima	The University of Aizu, 3rd year student	Sub-operator
	MOTOKI Yasunari	AIZUK Co., Ltd.	Machine Maintenance
	ANAZAWA Tsuyoshi	FSK Co., Ltd.	Robotics simulation



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HP etc. <https://www.u-aizu.ac.jp/>