



# UoA News

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※Students' grade years are those at the time of the award.

## Paper on Achievements on Hayabusa2 Observations Published in the Digital Edition of Science

A paper co-authored by four faculty members of the University of Aizu including three members of the Aizu Research Center for Space Informatics (ARC-Space) was published in the digital edition of Science on Friday, May 8, 2020.

The paper reported discoveries based on collected samples taken during a Hayabusa2's brief touchdown on asteroid Ryugu's surface. Based on images and video taken during the sampling process, authors investigated the surface colors and morphology on a small scale relating to the surface craters and stratigraphy constrains the evolution of Ryugu. The authors concluded that the asteroid experienced a prior period of strong solar heating caused by changes in its orbit.

<Paper title>Sample collection from asteroid 162173 Ryugu by Hayabusa2:implications for surface evolution

-First author

MORODA Tomokatsu (The University of Tokyo, Associate Professor)

-UoA Coauthors (In order of author ranking)

HONDA Chikatoshi (Associate Professor)

HIRATA Naru (Senior Associate Professor)

KITAZATO Kohei (Associate Professor)

OHTAKE Makiko (Professor)

## UoA Graduate launches a Kickstarter for Thesis Project



March 2020 graduate YAMAGUCHI Eita launched a crowdfunding campaign for his thesis project a "WonderSense", a wearable motion tracker he developed in Senior Associate Professor JING Lei's laboratory, on the website Kickstarter on Wednesday, April 1, 2020.

Although he did not achieve his funding target by the deadline, we would like to honor his entrepreneurial spirit and his technical skill.

## UoA Students and Alumni Develop "Fukushima Take-Out Map" App



In order to support cafes and restaurants in Fukushima Prefecture closing temporarily due to COVID-19, five UoA alumni and current students belonging to the student club "Aizu Active Association" developed the web app "Fukushima Take-out Map".

The app features a map and list showing cafes and restaurants that are offering the take-away or meal delivery services.

## Former UoA Master's Student Wins the Outstanding Paper Award for IEEJ



Former UoA master's student TAKARA Satoshi (a member of TSUKAHARA Tsuneo's laboratory, LSI Design Laboratory) received The Institute of Electrical Engineers of Japan Tohoku Unit Manager Award (Outstanding Paper Award) in recognition of a paper he wrote during his master's program. The paper was published in IEEJ Transactions on Electronics, Information and Systems in January 2019.

## Kawakyo CO. Supports UoA Students with Ramen Noodles and Other Items



We have received ramen noodles and other items from Kawakyo Co. (a food processing and distributing company) intended to support students affected by the COVID-19 pandemic.

The items arrived in campus on Thursday, April 30, 2020 and were distributed to students on Saturday, May 2.

## Rice Donation from Ishii Shoten Co. and Lion Dor, Inc.



We received 500 kilograms of rice from Ishii Shoten Co. (a rice distributing company) and Lion Dor, Inc. (supermarket) intended to support students affected by the COVID-19 pandemic.

The rice arrived in campus on Thursday, April 30, 2020 and was distributed to the students on Saturday, May 2.

## Donation from The Rotary Club of Kitakata



We received the donation to the UoA Student Living Expense Support Fund from The Rotary Club of Kitakata. TAKAHASHI Shuu, the chairman of the club presented it to President MIYAZAKI, chairperson of the Board of Executives of the UoA (Hereinafter referred to as President Miyazaki) at a ceremony held on Tuesday, May 26, 2020.

The fund will be used to support students affected by the COVID-19 pandemic.

## Rice Donation from JA Aizu-Yotuba



The JA Aizu-Yotuba agricultural cooperative donated 1,000 kilograms of rice grown in the Aizu Region to the UoA in order to support students affected by the COVID-19 pandemic.

HASEGAWA Shouichi, the president of the cooperative presented it to President MIYAZAKI at a ceremony held on Wednesday, May 27, 2020.

At the ceremony, Mr. HASEGAWA gave a word of encouragement and expressed his hopes for our students. President MIYAZAKI then gave an address of thanks.

## Dalian Neusoft University of Information (DNU), China donated 1,000 surgical masks to our university.



On May 26th, 2020, our friendly, partner university, Dalian Neusoft University of Information (DNU), China donated 1,000 surgical masks to our university.

We have had a number of exchange programs with DNU, including the Dalian internship program, which has been ongoing since 2010, and the SOVO (Students Office & Venture Office) project at their international hub called the Innovation Hub at both universities.

## UoA International Students Presented with Aizu-grown Rice by Inawashiro Rotary Club



On Friday, May 29, 2020, the Inawashiro Rotary Club donated a locally grown rice to international students at the University of Aizu.

On this day, five members of the Inawashiro Rotary Club, including President Watabe, visited the University of Aizu to donate rice and gave the words of encouragement.

## Donation for International Students from Aizu Industrial Forum



We received the donation to the Support Association for International Students of the University of Aizu (SAISUA) from Aizu Industrial Forum. OUCHI Shigeyuki, the president of the association presented it to Senior Associate Professor ZHU, chairman of SAISUA at a forum held on Wednesday, June 3, 2020.

Mr. ZHU gave an address of thanks and mentioned that the funds will be used to support international students economically affected by the COVID-19 pandemic.

## Rice Donation from Sambe Farm



We received 100 kilograms of rice from Sambe Farm intended to support students affected by the COVID-19 pandemic on Tuesday, June 2, 2020.

The rice will be served to students at the university cafeteria as a means of supporting students' livelihoods.

## Donation from Fukushima Electric Power Company



We received the donation to the UoA Student Living Expense Support Fund from Fukushima Electric Power Company. SUZUKI Seiichi, president and CEO of the company presented it to President MIYAZAKI at a ceremony held on Friday, June 12, 2020.

The funds will be used to support students affected by the COVID-19 pandemic.

## Donation of Alpha Rice and Other Items from TOYO SYSTEM CO., LTD.



We received 900 portions of Alpha rice, 648 500-milliliter bottles of drinking water, and other items from TOYO SYSTEM CO., LTD. intended to support students affected by the COVID-19 pandemic on Tuesday, June 16, 2020.

The foods and beverages will be distributed to UoA students.

## Donation from Aizudoken Co.



We received the donation to the UoA Student Living Expense Support Fund from Aizudoken Co. KANKE Tadahiro, the executive director of the company presented it to President MIYAZAKI at a ceremony held on Tuesday, June 23, 2020.

The fund will be used to support students economically affected by the COVID-19 pandemic.

## Donation from Aizu Industrial Forum



We received the donation to the UoA Student Living Expense Support Fund from Aizu Industrial Forum. OUCHI Shigeyuki, the president of the association presented it to President MIYAZAKI at a forum held on Wednesday, July 1, 2020.

The fund will be used to support students economically affected by the COVID-19 pandemic.

## Rice Donation from Yugawa Village



We received 120 kilograms of rice grown in Yugawa Village intended to support students affected by the COVID-19 pandemic.

MISAWA Toyotaka, the mayor of the village presented it to President MIYAZAKI at a ceremony held on Thursday, July 2, 2020.

## Donation from Aizuwakamatsu City Council of Social Welfare



We received the donation to the UoA Student Living Expense Support Fund from Aizuwakamatsu City Council of Social Welfare. MUTOU Junichi, the president of the association presented it to President MIYAZAKI at a forum held on Tuesday, July 21, 2020.

The fund will be used to support students economically affected by the COVID-19 pandemic.

**“The 5th UoA Robotics Symposium” was launched on Monday, June 1, 2020 and is available on the website.**



The UoA has conducted research and development regarding robotics in collaboration with the companies and research institutions in and outside Fukushima prefecture since AY2015. In the second session from AY2018, we have advanced the technological development of “Cloud Robotics”, which allows multiple robot systems to achieve greater functions by connecting them through the Internet.

In this symposium, we introduced the results of a research project in which robots were equipped with software based on “Robot Data Repository”, which utilizes massive amounts of acquired by robots and tested. We also introduced the initiatives aimed at developing talented engineers with an aim of popularizing robotics-related technologies.

**2020 Open App Lab Kickoff Meeting held**



The 2020 Kickoff meeting of Open App Lab was held virtually online on Wednesday, June 17, 2020.

Open App Lab is a place where our students can acquire practical skills and techniques in collaboration with the companies and local people based on a policy “Just make something and put it out into the world”. In the kickoff meeting, we introduced the University’s projects and also presented activities regarding students’ independent research and development efforts and other activities.

**Launch Ceremony for the Japan’s First Regional Cryptocurrency “Byacco” held**



A ribbon cutting ceremony marking the launch of “Byacco”, Japan’s first block chain based regional cryptocurrency, was held at the University of Aizu Student Hall on Thursday, July 9, 2020. The event was attended by President MIYAZAKI, SHIBUKAWA Tomoo, the Chairman of the Aizu-Wakamatsu Chamber of Commerce and Industry, TERUSHIMA Toshiaki, the president of Student Life Support Corp., FUJII Yasushi, a UoA visiting professor and a director of AiYUMU Co., Ltd., and TAKEMIYA Makoto, the Representative Director and CEO of Soramitsu Co., Ltd.

Byacco is now being used at the UoA’s cafeteria and the university shop.

**AY 2020 Autumn Doctoral Dissertation Presentations**



On Thursday, July 15, 2020, the AY 2020 Autumn Doctoral Dissertation Presentations were held.

Two students gave presentations on the achievements of their doctoral research at the Graduate School of Computer Science and Engineering. After the introduction of the students, each student gave a presentation as the culmination of his research. Faculty and administrative personnel, and current UoA students in attendance listened to the presentations with great interest.

Student Name	Research Advisor	Dissertation Title
Rahim, Md Abdur	SHIN Jungpil Professor	" Hand Gesture-Based Non-touch Interface for Human-Computer Interaction Using Machine Learning Techniques"
TRAN, Thi Thanh Huyen	TRUONG Cong Thang Senior Associate Professor	" Quality Assessment and Improvement for Virtual Reality Contents "



**The University of Aizu** Tsuruga, Ikki-machi, Aizu-Wakamatsu City, Fukushima, 965-8580, Japan

Planning and Collaboration Division

Tel: +81-242-37-2510  
 Fax: +81-242-37-2546  
 E-mail: cl-planpr@u-aizu.ac.jp

Student Affairs Division

Tel: +81-242-37-2723  
 Fax: +81-242-37-2526  
 E-mail: admission@u-aizu.ac.jp



<https://u-aizu.ac.jp/en/>

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