



UoA News 15

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

A Doctoral student at the University of Aizu 3rd grade won the Best Student Paper Award at " The 6th International Symposium on Ubiquitous Networking (UNet'21)"



At the " The 6th International Symposium on Ubiquitous Networking (UNet'21) " virtual event, from May 19, 2021 to May 21, 2021, OGBODO M. Ikechukwu, a 3rd grade doctoral student belonging to the Ben-Abdallah Laboratory of our university, received the Best Student Paper Award.
The awarded paper is entitled " Energy-efficient Spike-based Scalable Architecture for Next-generation Cognitive AI Computing Systems."

Placed 152nd, the UoA ranks in the Times Higher Education Asia University Rankings 2021



The University of Aizu was ranked for the THE Asia University Rankings 2021 published by the Times Higher Education (THE) on June 2, 2021.
The university was ranked 152nd in Asia and 15th the Japanese universities that were ranked.
"THE Asian University Rankings 2021" uses the same data as "THE World University Rankings 2021" with some changes in the weight of indicators.
Since the weight of the index differs from the world ranking, the relative ranking also differs from the world ranking.

Prof. HAMADA Mohamed, Wins the 3rd ETLTC2021- ACM Chapter International Conference on Information and Communications Technology announced the best paper award



On June 10, 2021, a paper co-authored by Prof. HAMADA Mohamed at the University of Aizu won the Best Paper Award at the 3rd ETLTC2021- ACM Chapter International Conference on Information and Communications Technology.
Paper title:
A Contemporary Machine Learning Method for Accurate Prediction of Cervical Cancer.

The University of Aizu Basketball Team Wins the 71st All-Aizu Sports Festival Basketball Tournament (Adult Division)



On June 20, 2021, in the "71st All-Aizu Sports Festival Basketball Tournament (Adult Division)" held at the Kitakata City Oshikirigawa Park Gymnasium, our university's basketball team won the championship.
Although there were many restrictions due to the COVID -19 disaster, the members of the club were able to show the results of their past practices.

Placed 182nd, the UoA ranks in the Times Higher Education Young University Rankings 2021

The University of Aizu was ranked for the THE Young University Rankings 2021 published by the British educational journal on June 22, 2021.
The university was ranked 182nd in World and 3rd the Japanese universities that were ranked.
"THE Young University Rankings 2021" uses the same data as the "THE World University Rankings 2021" and targets universities that have been in existence for 50 years or less. As with the World University Rankings, the ranking is based on 13 indicators in the five areas of "education," "research," "cited papers," "income from industry," and "internationality."
It differs from THE World University Rankings in that it gives less weight to reputation surveys in the areas of "education" and "research."

UoA Doctoral student receives the third prize on an international programming competition



On June 27, 2021, MathWorks and the Audio Engineering Society(AES) sponsored a competition to foster digital signal processing and creativity among students. In the competition, teams from all over the world design and program audio production plugins using Matlab. Mr. Camilo Arevalo, a 1st year PhD student in the Computer Arts Laboratory under the supervision of Prof. Julián Villegas was conferred the third prize.

UoA Students Appointed as Fukushima Prefectural Cybersecurity Volunteers



Four students of Senior Associate Professor NAKAMURA Akihito's Information Security Laboratory, NAMIKI Yusuke (M2) 、 IWABUCHI Makoto (M1) 、 MIZUNO Akihiko (M1) were appointed as Fukushima Prefecture Cybersecurity Volunteers and received letters of appointment on campus on July 16, 2021.
Cybersecurity volunteers monitor the web, report illegal websites, and engage in efforts such as public awareness activities for cybercrime prevention.

AY 2021 Autumn Doctoral Dissertation Presentations

On August 10, 2021, the AY 2021 Autumn Doctoral Dissertation Presentations were held.
The names of the students and the titles of their dissertations are listed below.

DAI, Zeyang "Attitude Estimation Method Using Kalman Filter for MARG Sensors and Its Application "
NIROSAHNA, Senevirathna Mudiyansele Isuru " Sleep Stage Classification and Obstructive Sleep Apnea detection using Deep Learning "
GUO, Zhe " Computer-aided diagnosis for colorectal polyp detection and colorectal cancer analysis "
LE, Doan Hoang " On the Design and Performance Evaluation of Satellite-based Free-Space Optical Communications "
BUI, Hoang Anh Tuan "Design and Analysis of Random Access Frameworks for Cellular massive Machine-Type Communications "
SARODE, Rashmi Prabhakar "Secure Transaction Commitment in Peer to Peer (P2P) Processes "



The UoA ranked in "THE World University Rankings 2022"



On September 2, 2021, The UoA was ranked in between 601st and 800th of "THE World University Rankings 2022" published by the British educational journal "Times Higher Education" 5 years in a row. The UoA was ranked 13th amongst the Japanese universities that were ranked.

AY 2021 Autumn Degree Conferment Ceremony



On September 15, 2021, the Degree Conferment Ceremony of Autumn AY2021 was held. 44 individuals, including 25 from the Computer Science and Engineering Master's Program, 6 from the Doctoral Program, and 13 from the Undergraduate School of Computer Science and Engineering received degrees.

IWASE Regent of the University of Aizu, was appointed by Fukushima Prefecture as an assistant to the Fukushima Prefecture CDO



On September 16, 2021, IWASE, Jiro Regent of the University of Aizu, was appointed by Fukushima Prefecture as an assistant to the Fukushima Prefecture CDO(Chief Digital Officer). IWASE, Jiro Regent will use his knowledge to advise the prefecture on the promotion of digital transformation (DX) in Fukushima Prefecture.

Comments by Regent Iwase : I would like to promote DX in government so that anyone, anywhere, at any time can receive government services.

In addition, we would like to contribute to the reconstruction and industrial promotion of Fukushima Prefecture, not only by utilizing the vast amount of data held by the government, but also by collaborating with external organizations.

Senior Associate Professor LU Guo-Wei received the 3rd Materials and Devices Joint Research



On September 28, 2021, Senior Associate Professor LU Guo-Wei of the University of Aizu and Professor Yokoyama Shiyoshi of the Institute for Materials Chemistry and Engineering, Kyushu Univ received the 3rd Materials and Devices Joint Research Award from the Network Joint Research Center for Materials and Devices.

Subject name 「Ultra-fast data modulations using electro-optic polymer modulators」

This time, 21 out of 514 proposals conducted at the center in FY2020 received this award.

AY 2021 Autumn Entrance Ceremony was held



On October 1, 2021, the autumn entrance ceremony for the 2021 academic year was held. A total of 54 new students, 13 to the undergraduate school, 22 to the master's program, and 19 to the doctoral program were declared to admit by President MIYAZAKI Toshiaki.

Kyoto Institute of Technology ,University of Aizu, Signed a Comprehensive Agreement on Inter-University Cooperation



On October 1, 2021, the University of Aizu and the National University Corporation Kyoto Institute of Technology signed a comprehensive agreement on inter-university collaboration.

Under this comprehensive agreement, the two companies will collaborate in the areas of mutual support for education, promotion of research cooperation and joint research, and promotion of industry-academia collaboration and reconstruction support, etc. In the field of education, I am already in charge of teaching the "Digital Innovation Basic Course" at Kyoto Institute of Technology.

Award Ceremony for the Aizu IT Aki Forum 2021 Poster Design Contest held



On October 5, 2021, an award ceremony was held at the University of Aizu Junior College for the "Aizu IT Autumn Forum 2021" poster and flyer design competition.

This competition was held for students of the University of Aizu Junior College to design posters and flyers to illustrate the theme of the Aizu IT Autumn Forum 2021, "Sustainable Society through Digital Transformation (DX)."

As a result of a rigorous screening process, the work of Momoko Takahashi, a first-year student of the Design Information Course, Department of Industrial Information, Junior College of the University of Aizu, was selected.

University of Aizu Team Ranks 27th at ICPC World Championships



The ICPC International Inter-University Programming Contest World Championship (Moscow) was held on October 5, 2021, and the University of Aizu team answered 7 out of 15 questions correctly, placing 27th.

This event was originally scheduled to be held in June 2020, but due to the global spread of the new coronavirus infection, the event was postponed, and now, after more than a year, it is being held locally!

The players, who were students at the time, have already graduated from the University and have gone their separate ways, but they showed the teamwork they had as students and fought hard as the University of Aizu team. Senior Associate Professor Watanobe of the University of Aizu served as the online coach.

World Robot Summit 2020 (WRS2020) was held in Fukushima



On October 8 to October 10, 2021 The World Robot Summit 2020 (WRS2020) Fukushima was held at the Fukushima Robot Test Field in Minamisoma City for three days .

Two teams organized by the University of Aizu and collaborating companies (REL-UoA, a team participating in the Disaster Response Standard Performance Evaluation Challenge, and REL-UoA-JAEA, a team participating in the Tunnel Accident Disaster Response and Recovery Challenge) participated in the World (REL-UoA, a team participating in the Standard Performance Evaluation Challenge for Robotic Response, and REL-UoA-JAEA, a team participating in the Tunnel Accident Disaster Response and Restoration Challenge) participated in the World Robot Challenge, and each won third place.

Student Team Selected for the Tohoku Growth Accelerator (TGA) Program



A team of six undergraduate students of the University of Aizu, represented by Mr. TANIKAWA Naoya (2nd year), has been selected as one of the teams of entrepreneurs to launch a new business in the Tohoku Growth Accelerator (TGA), a Sendai City program that supports the growth of start-ups and companies taking on new business challenges.
Business description: Internet-based service that plans optimal travel for users.

President Miyazaki Delivers a Lecture at the Aizu Industrial Network Forum Management Meeting



On October 28, 2021, the Aizu Industrial Network Forum (ANF) Executive Committee was held at the Aizu Training Hall, and President Miyazaki of the University of Aizu gave a lecture on "The Past, Present, and Future of the University of Aizu and its Relationship with the Smart City of Aizu Wakamatsu."

On the day of the event, the President of the University of Aizu gave a lecture to about 30 participants about the University's efforts since its opening, strengthening of research capabilities, industry-academia collaboration, etc., as well as about Aizu Wakamatsu City's efforts to become a super city. After the lecture, participants asked many questions about the industry-university collaboration with the University of Aizu, which showed their strong interest in the university and strong motivation for the DX.

Aizu IT Aki Forum 2021" was held online



On October 29, 2021 The University of Aizu and the Aizu Industry-University Consortium held the "Aizu IT Aki Forum 2021" online with the aim of disseminating information on cutting-edge ICT from Aizu to Fukushima Prefecture and beyond, and contributing to the revitalization of local industries.

You can watch the archives on the official website, except for some lectures.

Volunteer team from Aizu Active Association (AAA) won the corporate award at the Hackathon for Our Wellbeing 2021



A volunteer team from Aizu Active Association (AAA) won the Panasonic D+IO Award at the "Hackathon for Our Wellbeing 2021".

In the future, the winning entries will be posted on Panasonic's website.

Work developed: EggMessenger, a device that can resonate emotions even remotely.

The Audio Engineering Society (AES) published a paper from University of Aizu researchers



AES published a study led by Prof. Julián Villegas of the University of Aizu on Nov. 9, 2021. The paper provides new insights into how the floor helps to improve the vertical location of sounds in virtual environments.

Title of paper: The Presence of a Floor Improves Subjective Elevation Accuracy of Binaural Stimuli Created With Non-Individualized Head-Related Impulse Responses.

Authors: Julián Villegas (Computer Arts Laboratory), Naoki Fukasawa (UoA alumnus now with Yamaha), and Camilo Arévalo (PhD student at the Computer Arts Laboratory)

Date of publication: 9 Nov. 2021

International talk was held

As part of the Global Lounge's activities, The Office for Strategy of International Programs(OSIP) holds "international talks". Through Zoom, international students will introduce the history, culture, food, and famous places of each country and region in English. (Participation was limited to students, faculty and staff of the University.)



On Friday, July 30, UAS Landshut is our prospective partner university, and this time, two students gave presentations. Mr. Sassan Asnaashari introduced his current study of computer science, followed by Mr. Niklas Urchs, who introduced the city of Landshut, local businesses, history, and the university.



On Wednesday, November 24, we held an international talk using Zoom (students from Landshut University of Applied Sciences (Germany) also participated). This time, Mr. HIDAKA Masato, a graduate student of Computer Science and Engineering at the University of Aizu, introduced student life and research at the University of Aizu, as well as the Aizu region in English.



On Wednesday, October 6th, 2021, Mr. PHEA Sinchhean (Master's second year student) was invited as a speaker. He introduced his country "Cambodia", and talked about the rich culture, history, and varied uniqueness of the country in English.

