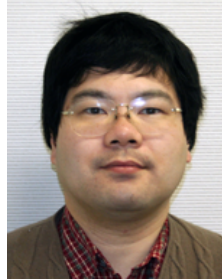


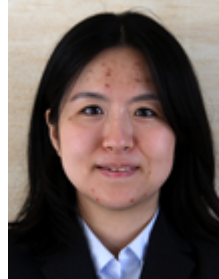
Office for Planning and Management



Kazuaki Yamauchi
Senior Associate Professor



Junya Terazono
Associate Professor



Kyoko Okudaira
Associate Professor



Yasuhiro Abe
Associate Professor

Office for Planning and Management (OPM), headed by the University President, was established at the start of the University of Aizu as an internal research organization to carry out implementing the following assignments of the University:

- General investigative research concerning university functions
- Performing general program planning and design regarding university education and research
- International exchange
- Public relations and publications
- Legal affairs
- Local arrangement of international conference
- Other necessary matters concerning administrative management

As the University develops, the expectations for the OPM have been changing from time to time. After the corporatization, in 2008, dealing with the matters of special mission given by the regents of the University was added to its functions. However, collaborating with other organizations of the University for the advancement of its education and research always remain the most important mission of the OPM.

For education and coalition with high schools and junior high schools as well as local community, the OPM is planning and arranging “Science Cafe”, a scientific talk session with small number of general citizens (20 to 30 persons in most cases). Additionally, collaboration with several high schools, especially ones which have SSH (Super Science High School) course, has been carried out. These activities can be good opportunities for the University to increase the name recognition.

Kazuaki Yamauchi is assigned to serve as Director-General of Department for Student Affairs. His main work is to recruit prospective students by visiting high schools all over Japan and attending career counseling meetings for high school students held in major cities in Japan. In addition, he visits various IT related companies in Tokyo metropolitan area to solicit jobs for graduating students and also invite those companies to the campus for their recruitment. He is responsible for management of entrance examinations and admissions of the university. His current research theme is “Research on admission methods to secure the superior new students in accordance with university admission policy”.

The main work of Kyoko Okudaira, concurrent assignment with CAIST, was personnel matters of fresh hiring and education collaboration with high schools and junior high schools.

Junya Terazono, concurrent assignment with CAIST, worked for Annual Review compilation. He was also busy for so many public lectures, events nationwide, media appearance and on-site lecture (Demae-Kogi) which will contribute spreading name of the University. He also engaged in CAIST-related management work, including setup of CAIST meetings, support of CAIST Manager and many kinds of minute yet essential management work including preparation of meeting minutes.

Yasuhiro Abe supports faculty and students to apply for external grants, especially international collaboration and research fellowship programs of the Japan Society for the Promotion of Science.

All members of OPM worked collaboratively and proactively for the realization of better University research and education.

Summary of Achievement

Refereed proceedings of an academic conference

[yamauchi-405-071-01:2016] Kazuaki Yamauchi and Wenxi Chen. Current Status and Trends of mHealth Apps for Smartphones. In *Proceedings of Joint International conference BDAHI2016 and u-Healthcare2016 (BigHealth-2016)*, page USB, 2016.

This paper reviews current status and trends of the mHealth apps for smartphones worldwide intensively and extensively. We divided the apps into two categories: Health/Fitness Apps and Medical Apps. We analyze pros and cons of these apps, discuss smartphone embedded functionality and envision future perspectives of smartphone apps in healthcare/medicine domains.

Unrefereed proceedings of an academic conference

[terazono-405-071-01:2016] J. Terazono and J. Saito. Situation around Overseas Asteroid Resources Mining and Exploration. In *The 60th Space Sciences and Technology Conference*. The Japan Society for Astronautical and Space Sciences, September 2016.

In this presentation, authors summarize most current situation of Asteroid Mining, including technology development for it, in overseas, particularly in The United States. The presentation also includes its future direction and issues behind the ongoing attempt by several private companies.

[terazono-405-071-02:2016] J. Terazono. SEIMS: Space Event Information Management System. In *The 60th Space Sciences and Technology Conference*. SEIMS (Space Event Information Management System) is a web-based database system for registration, retrieval and sharing of space-related events such as rocket launch, lectures and meetings. There are very little number of system to publish space-related events in Japan, and their usability and information scope is not good. Therefore, we believe that this SEIMS, developed in our laboratory, will revolutionize the way to announce, spread and share such information., September 2016.

[yamauchi-405-071-02:2016] Kazuaki Yamauchi. Transition of the University of Aizu Entrance Examination System. In *The 16th Annual Meeting of Japanese Association of Higher Education Research*, pages 158–159, 2016.

Writing a part of textbook or technical book

[terazono-405-071-03:2016] Editorial Committee. *Dictionary of Landforms*, chapter 3, page 336. Asakura Shoten, Tokyo, 2017.

Academic society activities

[terazono-405-071-04:2016] J. Terazono, 2016.

Managing Committee member, Northern Japan Branch

[terazono-405-071-05:2016] J. Terazono, 2016.

Organizing Committee member, The 60th Space Sciences and Technology Conference

[terazono-405-071-06:2016] J. Terazono, 2016.

Manager, Tohoku Branch

[terazono-405-071-07:2016] J. Terazono, 2016.

Head of the Organizing Committee, The 30th Annual Meeting of JSEPA

[yamauchi-405-071-03:2016] K. Yamauchi, January-December 2016.

Vice Chair, IEEE Professional Communication Society Japan Chapter

Contributions related to syllabus preparation

[yasu-abe-405-071-01:2016] Following course planning, a syllabus becomes the Practical Approach to Learning the Enterprise Distributed Web Infrastructure

Contribution related to toward equipment management, classroom management, building management, and crime or fire prevention.

[yasu-abe-405-071-02:2016] A element leader of the disaster prevention team at the research quadrangles

Advisor of a student club or circle

Summary of Achievement

[yamauchi-405-071-04:2016] advisor of table tennis club

[yasu-abe-405-071-03:2016] Advisor to the University Wind Orchestra

Contribution related to faculty personnel (outside scouting, etc.)

[okudaira-405-071-01:2016] Recruiting new faculty members

Contribution related to the building or operation of the university computer system

[terazono-405-071-08:2016] ISTC steering committee member

[terazono-405-071-09:2016] ISTC procurement specification document subcommittee member for computer system

[terazono-405-071-10:2016] ISTC procurement specification document subcommittee member for network system

[yasu-abe-405-071-04:2016] Member of ISTC Working Group of System2

Contribution related to on-campus/off-campus publicity work

[terazono-405-071-11:2016] Public Relations committee, Web sub-working-group member

[terazono-405-071-12:2016] Off-Campus Public Lecture: “The Beginning of Space Mining: How to Confront with the Advancement of Space Development”, The Special Lecture on The Aizu-Wakamatsu Corporation Association Annual Assembly, Aizu-Wakamatsu Washington Hotel, June 14, 2016

[terazono-405-071-13:2016] Off-Campus Lecture: “Let’s Get Known About Asteroids, Mars and Exoplanets”, ISTS pre-event - one-day delivery lecture, Ippon-Matsu Junior High School, Ainan Town, Ehime Prefecture, July 12, 2016

[terazono-405-071-14:2016] Off-Campus Lecture: “Let’s Study on The Moon and Lunar Exploration”, ISTS pre-event - one-day delivery lecture, Senjo Elementary School, Yawatahama City, Ehime Prefecture, July 13, 2016

Summary of Achievement

- [terazono-405-071-15:2016] Off-Campus Lecture: “Let’s Get Known on Rockets and Lunar and Planetary Exploration”, ISTS pre-event - one-day delivery lecture, Uwa-Machi Elementary School, Seiyo City, Ehime Prefecture, July 14, 2016
- [terazono-405-071-16:2016] Off-Campus Lecture: “The Story of Voyager - Toward the Farthest Journey”, ISTS pre-event - one-day delivery lecture, Mizugaura Elementary School, Ikata Town, Ehime Prefecture, July 15, 2016
- [terazono-405-071-17:2016] Off-Campus Public Lecture: “The Day When We Go To Mars”, Tsukuba Expo Center, July 31, 2016
- [terazono-405-071-18:2016] Public Lecture: “Hayabusa and The University of Aizu: How IT Helps Space Development”, Platinum Future Human Resources Cultivation Seminar, Lecture Hall of The University of Aizu, August 3, 2016
- [terazono-405-071-19:2016] Off-Campus Lecture: “From Hayabusa to Hayabusa2 - The New Challenge for the Asteroids -”, ISTS pre-event - one-day delivery lecture, Ikazaki Elementary School, Uchiko Town, Ehime Prefecture, October 4, 2016
- [terazono-405-071-20:2016] Off-Campus Lecture: “The Moon and Lunar Exploration - Past and Future -”, ISTS pre-event - one-day delivery lecture, Yoshida Junior School, Uwajima City, Ehime Prefecture, October 5, 2016
- [terazono-405-071-21:2016] Off-Campus Lecture: “Exploring the First Star: Venus and the Explorer Akatsuki”, ISTS pre-event - one-day delivery lecture, Minami Daini Junior School, Matsuyama City, Ehime Prefecture, October 6, 2016
- [terazono-405-071-22:2016] Off-Campus Public Lecture: “Math Valuable for the Daily Life: Why We Need To Learn Math”, Aizu-Gakuho Junior High School, Aizu-Wakamatsu City, November 18, 2016
- [terazono-405-071-23:2016] Off-Campus Public Lecture: “2017: The Frontline of Japanese Space Development”, Bange Higashi Elementary School, Aizu-Bange Town, Fukushima Prefecture, December 9, 2016
- [terazono-405-071-24:2016] Off-Campus Public Lecture: “The Benefit and Disadvantage in Publication of Astronomy Information - How to Communicate More to Deliver Our Activity”, Kanto Branch Meeting of Japanese Society for Education and Popularization of Astronomy, Keio High School, Yokohama City, Kanagawa Prefecture, December 17, 2016

Summary of Achievement

- [terazono-405-071-25:2016] Off-Campus Public Lecture: “The Exploration Era of Asteroid is Now Coming - Hayabusa 2, OSIRIS-REx and Asteroid Mining -, Space Guard Detective (by Japan Spaceguard Association), Aizu-Gakuho Junior High and High School, Aizu-Wakamatsu City, January 29, 2017
- [terazono-405-071-26:2016] Off-Campus Public Lecture: “The Third Wave of Lunar Exploration - This Year and Coming -”, The Abukuma Romantic Road 2017 Winter Event, Katsurao Citizen Hall, Katsurao Village, Fukushima Prefecture, February 12, 2017
- [terazono-405-071-27:2016] Off-Campus Public Lecture: “From Hayabusa to Hayabusa2 - The New Challenge for the Asteroids -”, Children’s University Gunma, Kawaba Village Culture Hall, Kawaba Village, Gunma Prefecture, March 5, 2017
- [terazono-405-071-28:2016] Off-Campus Public Lecture: “The New Era of the Lunar Exploration - Moon Race and The Moon Base -”, Special Lecture on the Certification Ceremony of Starry Night Guide, Koriyama Fureai Science Museum, Koriyama City, Fukushima Prefecture, March 12, 2017
- [terazono-405-071-29:2016] On-Site Lecture: “What is “To Know”? - Knowing, Creating, Exploring and Enjoying -”, Tokyo Seitoku University Junior High School, Kita-ku, Tokyo, June 21, 2016
- [terazono-405-071-30:2016] On-Site Lecture: “The Challenge of Akatsuki, A Venus Explorer - Launch, Failure, Success and Future -, Ishikawa High School (Educational Corporation), Ishikawa Town, Fukushima Prefecture, March 8, 2017
- [terazono-405-071-31:2016] Media Appearance: “Arakawa Kyokei’s Day Catch!”, TBS Radio, June 2, 2016
- [terazono-405-071-32:2016] Media Appearance: “The True Face of Pluto”, News and Views, NHK, November 28, 2016
- [terazono-405-071-33:2016] Event: “What Will be the Fate of ISAS? - Discussing the Future of ISAS from Hitomi Accident”, Loft Plus One, July 17, 2016
- [terazono-405-071-34:2016] Event: “Space Seminar: From Hayabusa2 to CAMUI Rocket”, Sapporo Science Center, Sapporo City, Hokkaido, September 10, 2016

Other significant contribution toward university planning, management, or administration

Summary of Achievement

[yasu-abe-405-071-05:2016] Member of the evaluation office

[yasu-abe-405-071-06:2016] Member of the committee for promotion of faculty development

Contributions related to regional education

[okudaira-405-071-02:2016] Advisor, Super Science High School, Aizu Gakuho Junior/Senior High School

[okudaira-405-071-03:2016] Advisor, Fukkou to Mirai wo Ninau Global Leader Ikusei Jigyuu, Aizu High School

Proposal/implementation of a new industry

[terazono-405-071-35:2016] Establishment of the new company derived from research: Moon and Planets, LLC., November 15, 2016

Did you participate in students recruitment, support the alumni, and/or contact with student's parent? (Yes or No) If yes, please describe what you did.

[yasu-abe-405-071-07:2016] Admission consultant in Open Campus 2016

[yasu-abe-405-071-08:2016] Admission consultant in University Festival 2016

[yasu-abe-405-071-09:2016] Admission seminar for Shibataminami Senior High School and Shibata Commercial Senior High School, Niigata

Did you participate in Faculty Development? (Yes or No) If yes, please describe what you did.

[yasu-abe-405-071-10:2016] Member of the committee for promotion of faculty development

Did you participate in Public Lectures, and/or Open Campus? (Yes or No) If yes, please describe what you did.

Summary of Achievement

- [terazono-405-071-36:2016] Live tweets of the Open Campus (Summer Stage)
- [terazono-405-071-37:2016] Live tweets of the Open Campus (Autumn Stage)
- [terazono-405-071-38:2016] Reestablishment Support for Okuma Town: Lecture on Renewable Energy, Kumamachi Elementary School and Ohno Elementary School, February 16, 2017
- [terazono-405-071-39:2016] Open Lecture: Let's Experience the Most Advanced Linux Desktop, Ubuntu, UBIC, June 28, 2016
- [terazono-405-071-40:2016] Open Lecture: "Let's Get Known More on The Moon - From the Moon Viewing to the Lunar Base -", Bange-Higashi Elementary School, Aizu-Bange Town, Fukushima Prefecture, September 4, 2016
- [yasu-abe-405-071-11:2016] Delivery lecture at Ohnuma High School
- [yasu-abe-405-071-12:2016] Delivery lecture at Sano Higashi Senior High School, Tochigi
- [yasu-abe-405-071-13:2016] Delivery lecture at Hukushima Minami High School
- [yasu-abe-405-071-14:2016] Delivery lecture at Yumoto High School
- [yasu-abe-405-071-15:2016] Delivery lecture at Sapporo Keisei High School

Do you have experience of University-Industry collaboration? If yes, please describe your experience. (for UBIC's information)

- [yasu-abe-405-071-16:2016] Member of the working group for automotive headunit security with Alpine