

[December 26, 2022]

The 2022 Fourth Meeting of Tokyo Section Executive Committee

The 2022 Fourth Meeting of Tokyo Section Executive Committee was held with hybrid-style (on-site and teleconference) from 3 pm, December 1, at Sumitomo Electric (Akasaka-mitsuke) with 29 participants including 12 observers.



[◆ Minutes *Japanese-only](#)

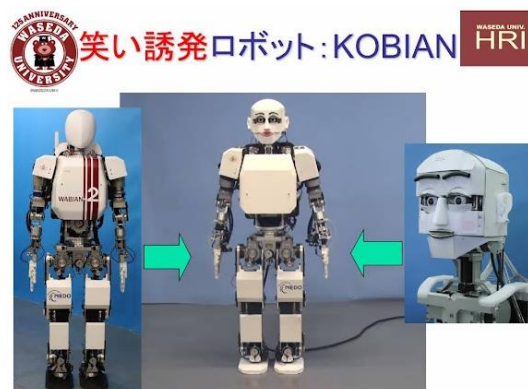
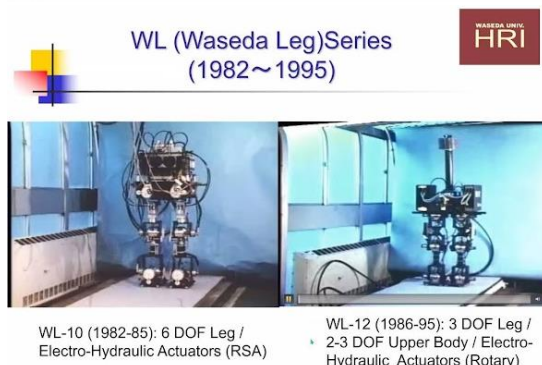
Schedule for 2023

First Meeting	Friday, March 17
Second Meeting	Friday, June 16
Third Meeting	Monday, September 11
Fourth Meeting	Friday, December 1

The 13th Lecture Meeting of Tokyo Section in 2022

On Tuesday, December 13th, from 15:00 to 16:30, 2022, the Tokyo Section Technical Program Committee (TPC) hosted the 13th Tokyo Section Lecture meeting with approximately 47 participants using the Zoom Webinar virtual meeting system (co-sponsored by the IEEE Tokyo Section LMAG (Life Members Affinity Group), co-sponsored by the Institute of Electronics, Information and Communications Technology). Prof. Atsuo Takanishi, Faculty of Science and Engineering, Waseda University, was invited to give a lecture entitled "Humanoid Robotics and Its Applications," with many videos on the research on the biped walking Humanoid that he has been conducting. And, in recent years, he has further developed this technology and conducted research on robots that can express emotions through the fine movement of the face and robots that incorporate the movement of the mouth and vocal cords. The content of this research has been very interesting.

This lecture meeting was held as a virtual online conference using Zoom Webinar. Based on the Government's policy on the COVID19, we will continue to hold various lectures with various content bearing in mind the characteristics of local and online conferences.



(Reported by Technical Program Committee Secretary, Atsushi Matsumoto)

The 19th IEEE TOWERS

IEEE TOWERS Executive Committee hosted The 19th IEEE TOWERS from 8:30 on Saturday, November 26th. This workshop is aimed at interdisciplinary exchanges between young researchers, and is run by students as part of Student Activities. This year's conference consisted of two parts, a poster session and a group work session, with 129 participants, 82 poster presentations, and 7 sponsor companies, the highest number in recent years. As a factor for the increase in the number of participants, new presenters and sponsors were created by focusing on activities to widely disseminate the appeal of TOWERS. I believe this is because we were able to discover. Also, not only the Tokyo Section, but also Sendai Section, Kansai Section's Student Branch and Young Professionals cooperated, and presenters gathered from all over the country.

In the poster session, there were poster presentations in various fields, and the audience was able to gain knowledge of many cutting-edge researches. I feel that the presenter was able to deepen his research by coming into contact with opinions and advice from a different point of view than the specialists he encounters in his daily research.

For the group work session, we invited Mr. Kosuke Kanado, an entrepreneur, to give a lecture on his experience in starting a new business in a discussion format. Furthermore, from there, group work was carried out on the theme of "from academic research to new business", one researcher was selected from each group, and a new business was considered based on that technology. Although it was a short time, there were many interesting projects that were completed, and when I pursued only technology and my vision became narrow, I thought about why the research was necessary from a different perspective than usual. I was able to learn a new approach, such as finding the next initiative.



(Reported by IEEE TOWERS Executive Committee Chair, Toya Kitagawa)

Women in Engineering 2022

WIE 2022 was held hybrid at Miraikan on 12th November 2022. This event was organized by IEEE Tokyo/Shin-etsu Joint Sections WIE and co-organized by IEEE Sapporo WIE, IEEE Sendai WIE, IEEE Nagoya WIE, IEEE Kansai WIE, IEEE Shikoku/Hiroshima/Fukuoka Joint Sections WIE, IEEE Tokyo Section, IEEE Shin-etsu Section, IEEE LMAG-Tokyo, IEEE Tokyo EA, IEEE Shin-etsu EA, IEEE Tokyo YP, IEEE Tokyo SAC. The total number of participants was 77 (online 51 and onsite 26) including IEEE members. The keynote speaker was Prof. Michiko Ohkura, Shibaura Institute of Technology. In her talk of "My personal journey with "kawaii" (cute in Japanese)," she talked about how she made her way into "kawaii" engineering research. She shared that she has been through a time when doing research as a woman was tough. She also talked about how she changed her mind and began to do research that was only possible because she was a woman. In her talk, the approach of "kawaii" and engineering was particularly interesting and encouraged young researchers who are venturing into new fields or research. The technical talk was Ms. Kazue Yasuoka, JR East. In her talk of "Overseas railway projects and my career vision," she introduced the railway project in Myanmar. She spoke about the rebuilding and completion of the rail system and talked about the local unique rail system. Her story attracted interest from the children and men who attended.

Through this event, we could build networks of women engineers, researchers and students, not only within the Tokyo and Shin-etsu section but also with other sections.

Details on WIE 2023 will be shared in the near future.

Looking forward to meeting you there!



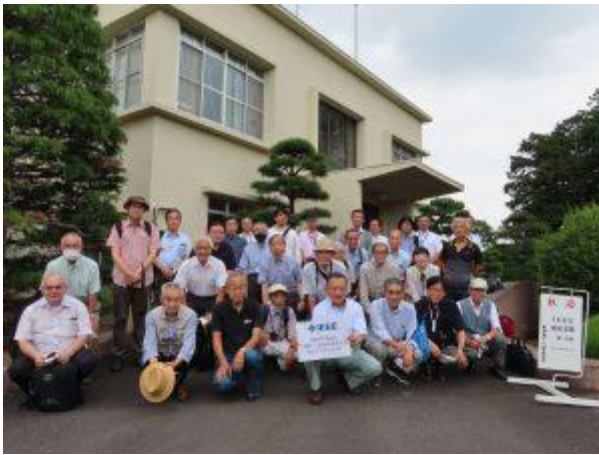
(Reported by IEEE Tokyo Shin-etsu WIE Chair/Tokai Univ., Mamiko INAMORI)

LMAG-Tokyo Technical Tour in 2022

LMAG-Tokyo Technical Tour was held four times in 2022 hosted by the IEEE Tokyo Section LMAG (Life Members Affinity Group) and co-sponsored by the Tokyo Section Technical Program Committee (TPC).

“A technical tour to KDDI Yamata Transmitting Station”

It was held on Wednesday, Aug. 24. The 26 participants enjoyed to see how they operate and maintain the system with large scale curtain antennas for international short-wave broadcast.



“A technical tour to JAXA Institute of Space and Astronautical Science (Sagamihara Campus) and a lecture meeting”

It was held on Thursday, Sep. 29. The event attracted 29 participants. The participants enjoyed exhibitions on Japanese history and the latest results of space and astronautical science followed by a lecture given by Dr. Tatsuaki Okada on the initial analysis results of the returned samples from asteroid Ryugu.



“A technical tour to ANA Maintenance facility in Haneda”

It was held on Wednesday, Oct. 26. The 35 participants enjoyed the hangar tour very much.



“A technical tour to THE RAILWAY MUSEUM and Research and Development Center of JR East Group”

It was held on Wednesday, Dec. 14. The 19 participants enjoyed the tour very much.



(Reported by Life Members Affinity Group (LMAG-Tokyo) Secretary, Hideki Hayashi)

Tokyo/Shin-etsu WIE Red Carpet Ceremony 2022

The IEEE Tokyo Shin-etsu Joint Sections WIE Red Carpet Ceremony 2022 was held on Saturday, December 10, 2022 at The Terrace Room on the 3rd floor of The Place of Tokyo. WIE has been supporting the collaboration and careers of female engineers, researchers, and students with diverse lifestyles. After limited opportunities for face-to-face gatherings since 2020, we held this event to celebrate their achievements, efforts, awards, and promotions to Senior Member and other positions. We planned this ceremony to provide an opportunity for everyone to meet face to face and talk about what they have accomplished, what they have worked hard for, and what they have achieved during this period, such as receiving awards and promotions to Senior Member.

21 people (+4 children) attended the ceremony, and we were able to present awards to all recipients and have them walk down the red carpet. In particular, WIE was able to honor Prof. Akinori Nishihara, who received the IEEE WIE Mentor Award, and WIE member Ms. Mayumi Suzuki, who was promoted to Senior Member. It was truly a wonderful meeting and I would like to personally thank each and every participant and supporter who made the event possible.

This was the first time for us to hold such an event. As Chair of Tokyo Shin-etsu WIE, I realized that celebrating accomplishments like these leads us to pursue new activities with gives renewed confidence.

The event was well received by the participants, and we hope to have another opportunity to get together as "Tokyo Shin-etsu WIE Friends and Family" in two years. We hope you will join us. Thank you for your continued support of Tokyo Shin-etsu WIE.



(Reported by IEEE Tokyo Shin-etsu WIE Chair/Tokai Univ., Mamiko INAMORI)

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IEEE Tokyo Section welcomes any comments, requests or inquiries from our members. Please send them to tokyosec@ieee-jp.org.