

IEEE Student Transition & Elevation Partnership (STEP) Event Fujitsu Tour and Researchers Seminar

Date: August 8th, 2013 (14:00 – 19:00)

Venue: Fujitsu Kawasaki Office, Kanagawa, Japan

4-1-1, Kamikodanaka, Nakahara-ku, Kawasaki-city, Kanagawa, 211-8588

(http://www.fujitsu.com/global/worldwide/japan/about_Kawasaki_Research.html)

SCHEDULE

14:00 to 14:15: Opening speech - Dr. Hideo Kuwahara (Fellow IEEE, IEEE Photonics Society President)

14:15 to 14:30: Company information Session - Shinji Yamashita (Fujitsu Lab.)

14:30 to 15:30: Fujitsu Main Building Tour - Shinji Yamashita (Fujitsu Lab.)

15:30 to 16:30: Fujitsu Laboratory Tour - Shinji Yamashita (Fujitsu Lab.)

16:30 to 17:00: A Question Period - ALL

17:00 to 19:00: Group Meeting and Social Gathering – ALL

19:00 to 19:30: Wrap-up – Dr. Hirohisa Gambe (Fujitsu, IEEE Japan Council Committee)

Mr. Takatoshi Minami (Fujitsu, IEEE R10 Conference & Technical Seminar Coordinator)

Dr. Kohei Ohno (IEEE Tokyo GOLD Affinity Group Chair)

Organized by Kohei Ohno (IEEE Tokyo GOLD Affinity Group Chair), Shinji Yamashita (Fujitsu Lab.), and Yusuke Kozawa (IEEE Tokyo GOLD Affinity Group Treasurer)

IEEE Tokyo GOLD affinity group organized STEP event on August 8th, 2013. The STEP event was held at Fujitsu Kawasaki Office as the 2nd event in Japan. The main topic of the event was “Make aware of career development as an electronic and electronics engineer”. There were 21 participants in the event. The participants included 18 students (10 Graduating Student IEEE Members, and 8 Student IEEE Members). It provided the students a good opportunity to make aware of vision for “future of electric and electrical engineer”.

At the beginning of this STEP event, Dr. Hideo Kuwahara, who is an electronics engineer of Fujitsu Lab and President of IEEE Photonics Society, made the opening speech. Next, Dr. Shinji Yamashita, who is an electronics engineer of Fujitsu Lab., and Mr. Matsumoto, who is an employment officer of Fujitsu, they lectured about “Three Powers of ICT: (1) The Power to Shape the Future, (2) The Power to Provide Equal Opportunities to All People, and (3) The Power to Support Safe and Secure Living” and importance of an electronics engineer’s role in industry. The lectures covered the benefits of working in an electronic and

mechanical company, sharing their experience of being an employee as an engineering professional. At the Fujitsu Main Building Tour and Fujitsu Laboratory Tour, the participants took a look at a history of Fujitsu innovation, leading-edge goods and leading-edge researches. The participants considered that “image of an electronics engineer’s roles”. They thought about “what engineers do?” and “ideal engineers of the future”. And then, they described that engineers should have an ability to “realize a dream in industry” with their expertise and should be the ones who are providing the technology. All of the participants were inspired that future engineers should: “have firm knowledge”, “free exchange of knowledge from different disciplines”, “seize the current needs”, “know the trends” “visionary”, “like to moving forward aggressively”, and “development of social networking in professional life”. The STEP concluded these as the elements that future engineers should have.

Finally, we enjoyed the social gathering at the Fujitsu Main Building. Many researchers of Fujitsu who is affiliated with IEEE attended the social gathering, and all of the participants had a casual discussion with the savvy researchers. Dr. Kohei Ohno talked about benefits of IEEE membership as an electronics engineer at the wrap-up.

The STEP events took place in a relaxed environment and were intended as an opportunity for students and young professionals to learn about “an electronics engineer”. The event was organized successfully by close collaboration between IEEE Tokyo GOLD Affinity Group, and Fujitsu Kawasaki Office.

< Opening speech & Company information Session >



Opening speech by Dr. Hideo Kuwahara
(Fujitsu Lab. and IEEE Photonics Society President)

< Fujitsu Main Building Tour & Fujitsu Laboratory Tour >



The electronics engineers of Fujitsu lectured about leading-edge products.

Left: Image enhancement technology for ITS

Right: The K computer which is a supercomputer manufactured by Fujitsu)

< Social gathering & Wrap-up >



The participants enjoyed discussions and meals at the social gathering