



Topics from the EAJ newsletter are listed up.

If you like to know further on particular topics, please contact EAJ Secretariat.

## **1. CAETS 2015 New Delhi**

The CAETS Convocation 2015 was hosted by the INAE and held in New Delhi from 12 to 15 October. The Convocation comprised of business meetings and a symposium and the theme of the symposium was “Pathways to Sustainability: Energy, Mobility and Healthcare Engineering.” The plenary session was followed by three parallel sessions for two days. Representing the EAJ, Dr. Hideaki Koizumi, Vice President, Dr. Kotobu Nagai, Associate Executive Director and Associate Prof. Takanori Ichiki, the University of Tokyo attended the Convocation. Prof. Ichiki contributed as a keynote speaker for the Healthcare session and Dr. Koizumi gave a pre-dinner talk on the first day of the symposium. At the Council Meeting, discussion focused on “CAETS Going Forward” besides regular agenda items. The next convocation will be hosted by the RAEng and is scheduled for 12-15 September 2016 in London. The main theme is “Engineering for a Better World – Capacity Building in the Developing World.” From 1 January 2016, Dr. Hideaki Koizumi will contribute as a member of the Board of Directors for two years.

## **2. Lecture Meeting organized by the Hokkaido-Tohoku Branch**

A lecture meeting organized by the Hokkaido-Tohoku Branch was held on the afternoon of 28 September 2015 at Iwate University with about 25 attendees. Prof. Kenichi Funasaki facilitated the meeting and the greetings were followed by two lectures. Prof. Akira, Iwabuchi, President of Iwate University gave a talk on “Efforts by Iwate University toward Reconstruction and Rebirth of Sanriku Coastal Area that Tsunami Hit.” Iwate University has only one campus and aims to be a “Glocal” university based on community-based cooperation. After the devastating Tsunami disaster, regional issues became obvious. In this situation, supposing that the key the regional rebirth is to cut off the negative chain of ‘job losses from factory lockout,’ “aging population from the low birth rate” and “limit to the maintenance of community from slowdown of activities,” he introduced a project of “Iwate Tomorrow Design Organization” that networked local government, business and industry circles and academic and educational institutes as part of efforts of developing human resources and entrenching people in the area. Prof. Masato Yoshizawa, Iwate University, talked about “Charm of Superconductivity: Basic Research to Application.” His talk included explanation of superconductive phenomena and such topics as GENESIS (Global Energy Network Equipped with Solar cells and International Superconductor grids), ILC (International Linear Collider), application of superconductor SQUID (Superconducting Quantum Interference Device) to 3D imaging technology of the heart, and iron-based superconductor and its unique behavior that Prof. Yoshizawa and his group clarified.

### **3. ERLEP 2015: The Fourth dispatch of Japanese researchers to Australia**

Under the fourth round of the Australia Japan Emerging Research Leaders Exchange Program that is organized by the JSPS, EAJ and ATSE, nine Japanese researchers from the following four areas of “Technologies for the promotion of healthy ageing and wellbeing,” “New materials, biotechnology and nanotechnology,” “Emerging power systems in the changing environment and the needs of the power system transition process” and “Capturing the benefits of ICT” visited Australia for two weeks from 19 to 30 October 2015. On the last day of 30 October, a debrief session was held in Sydney so that the participants would report about their visits and outcomes inviting their host researchers, ambassadors and people from the ATSE, JSPS and EAJ. On 19 January 2016 following the EAJ’s New Year Party, the debrief meeting in Tokyo is scheduled at the Hotel JAL City Tamachi to share information with the Japanese stakeholders.

### **4. Prof. Hiroshi Hirayama, advisor of the EAJ passed away on 29 June 2015**

Prof. Hiroshi Hirayama, Advisor of the EAJ and Emeritus Prof. of Waseda University passed away on 29 June 2015 at the age of 93. He was one of the founding members of the EAJ and contributed to the academy as Vice President and Advisor. One of his greatest achievements and leading research as an engineer is establishment of an academic structure of electric circuit as a study, which was widely recognized. As an educator, he emphasized the importance of cultivating individuality of students. He held important positions in the Science Council of Japan and other academic associations.

### **5. New EAJ Members**

**Makoto Gonokami**, President, The University of Tokyo

**Takashi Inutsuka**, Director, 3rd Policy-Oriented Research Group, National Institute of Science and Technology, MEXT

**Toshihiko Kanayama**, Senior Vice President, National Institute of Advanced Industrial Science and Technology (AIST)

**Ryozo Nagai**, President, Jichi Medical University

**Seiji Oshima**, Director General and Secretary General, Japan Research Industries and Industrial Technology Association

**Shinsuke Sakai**, Project Professor, Graduate School of Engineering, The University of Tokyo

**Shinobu Yoshimura**, Prof. and Vice Dean, School of Engineering, The University of Tokyo

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