

# IEEE CAS Society, Shikoku Chapter

## Report of Outreach Initiative 2013

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(Chair, CASS Shikoku Chapter)

Date: October 27, 2013

1. Event name: IEEE CASS Shikoku Chapter GOLD and Student Member Meeting

2. Date: October 27, 2013

3. Place: Le Port Sanuki Hotel, Takamatsu, Japan

4. Attendance: IEEE Members: 39, Guests: 5

5. Budget:

### 5A. Income (JPY)

Support from IEEE CAS Society (USD 2,500)	245,555
Reception fees (Regular JPY 3,000)	15,000
Reception fees (GOLD and Student JPY 1,000)	24,000
Donation (by Y. Nishio)	430
TOTAL	284,555

### 5B. Outcome (JPY)

Travel expense (for 3 chapter officers)	31,920
Meeting room charge	25,620
Food & beverage (for reception)	213,015
Student part-time salary	14,000
TOTAL	284,555

6. Program:

- 13:30-13:35 Opening address by Dr. Yasuteru Hosokawa (Secretary, CASS Shikoku Chapter)
- 13:35-13:45 Introduction of IEEE Circuits and Systems Society and Shikoku Chapter activities by Prof. Yoshifumi Nishio (Chair, CASS Shikoku Chapter)
- 13:45-14:05 Invited Talk 1 "The Significance of Worldwide Research" by Prof. Hiroyuki Torikai (Kyoto Sangyo University)
- 14:05-15:20 Research Introductions by GOLD and student members
- A. "Preliminary Study on LED VLC System for Near Field Vehicle-to-Vehicle Communication" by Mr. Yuki Ohira (Student member)
  - B. "Investigation of Particle Swarm Optimization with Predator" by Mr. Norio Inukai (Student member)
  - C. "Synchronization of Ring Inhibitory Neural Network with Polygonal Structure" by Mr. Yuki Shoji (Student member)
  - D. "Efficient Modeling of Diode Recovery Phenomenon" by Mr. Yuhei Iwasaki (Student member)
  - E. "Control and Prediction on the Bifurcation Suppressing" by Mr. Daisuke Ito (Graduate student member)
- 15:40-16:55 Talks by GOLD and student members
- F. "Visiting Europe" by Mr. Kazushige Natsuno (Graduate student member)
  - G. "Reporting the experience of going abroad" by Mr. Yuta Yokoyama (Graduate student member)
  - H. "My Life in Japan" by Mr. Cao Xiang (Graduate student member)
  - I. "Recipe for Satisfying Own Research Life" by Dr. Shintaro Arai (GOLD member)
  - J. "Importance of Studying Abroad -Switzerland version-" by Dr. Yoko Uwate (GOLD member)
- 16:55-17:25 Invited Talk 2 "Let's Get Active in the World!" by Prof. Hiroo Sekiya (Chiba University)
- 17:30-18:30 Discussions and Q&A
- 19:00-21:00 Reception party

## 7. Metrics to measure its success:

- A. Number of young members joining the meeting.  
target: 35, result: 31
- B. Number of new members recruited for the meeting.  
target: 15, result: 16
- C. Number of talks given by young members.  
target: 10, result: 10

## 8. Detail:

IEEE CAS Society Shikoku Chapter organized the IEEE CASS Shikoku Chapter GOLD and Student Member Meeting on October 27 in Takamatsu, Japan. The same event was held from 2008 in order to give GOLD and Student Members in the CASS Shikoku Chapter an opportunity to communicate each other and to discuss their future.

In this year, 34 chapter members, 5 members from other chapters, and 5 guests attended the event. Especially, we invited two young professors from Tokyo and Osaka to talk on their experiences of worldwide activities.

First, Dr. Hosokawa, the secretary of the CASS Shikoku Chapter, welcomed all the participants and talked about the importance of the meeting. Next, Prof. Nishio, who is the chair of the chapter, introduced the detail of the IEEE organization and the chapter's past and current activities. Professor Hiroyuki Torikai of Kyoto Sangyo University delivered the first invited talk of the meeting on his experience of submitting his research results to international journals. 5 young members introduced their own recent research outcomes. Their research areas were communication systems, optimization problems, complex networks, nonlinear control, and nonlinear circuit analysis. After a short break, 5 young members gave talks about their experiences of research and study abroad. Mr. Natsuno introduced his experience visiting a laboratory working on cellular neural networks in Hungary. Mr. Yokoyama talked his short-term staying experience at universities in Spain and Italy. Mr. Xiang, Chinese student, talked about his 1-year-and-half research life in Japan. Dr. Arai gave a talk on how research activities are beneficial to young people and introduced his experience as a researcher. Dr. Uwate's talk on her long research life (3 and a half years) in Zurich stimulated young students. Finally, The discussions and Q&A session was very exciting.

In this year, we have set up the three targets to measure the success of this event as described in the previous section. Although we were short a little bit to reach one of the targets, the event successfully stimulated many young student members. We should

work harder to recruit more young researchers including students and to encourage them by exploiting every opportunities, because we believe that young people are definitely the future of our society. We sincerely wish that the IEEE CAS Society continues to support the activities for young people.

9. Pictures:

