

IEEE Region 10 Industry Forum in ISCAS 2019

June 13th, 2019

IEEE R10-IRC: Toshihiko Sugie

The Region 10 Industry Forum in ISCAS was held on May 27th, 2019 at Sapporo, Japan. This was organized by IEEE Region 10 Industry Relations Committee. The forum focused on the topics of recently emerging interest and the new business originated by start-up in cooperation with industry-academia collaboration in Sapporo. After the presentation, the networking for industry and academia was held. Further, the Industry Forum exhibited a joint booth with IEEE Membership Development during the conference.

1. Date and location

Monday, May 27th, 2019. Sapporo Convention Center, Japan

2. Title

Industrial Application of AI Related Technologies in Cooperation with Academia for SDGs

-How to challenge the paradigm shift by AI, Iot, Big Data, Sensing, Blockchain, etc.?-

3. Program

◆ Opening

15:20-15:25 Opening Remarks :Chris Gwo Giun Lee

*(Professor, National Cheng Kung University, Taiwan,
IEEE Region 10 Industry relations Committee Chair)*

◆ Invited Speech

15:25-15:50 Adapting Recommendation Systems with Startup Business Phases

Yoshifumi Seki
(Co-founder, Gunosy Inc.)

15:50-16:15 Blockchain in Healthcare: Current Status and Prospects
Hiroshi Mizushima

*(Director of Center for Public Health Informatics,
National Institute of Public Health)*

16:15-16:40 How to Melt Snow with AI/IoT

Takuya Irisawa

(Representative Director, Ecomott Inc.)

16:40-17:05 Prototyping the Future in Sapporo

– Innovation from northern Japan

Tsuyoshi Yamamoto

(Specially Appointed Professor,

Advanced IT Prototyping Laboratory, Hokkaido University)

17:05-17:10 Q&A

◆ Discussion and Networking

17:15-18:15

*Moderator : Toshihiko Sugie

(NTT Electronics Corporation,

IEEE Region 10 Industry relations Committee)

4. Participants and Questionnaire result

✓ About 70 persons participated.

✓ Questionnaire result (27 persons):

-IEEE Membership: *St: 8%, GSM: 15%, M: 27%, SM: 35%, F: 15%*

-Affinity Group: *No: 67%, YP: 6%, WIE: 17%, LM: 10%*

-Job Type: *Industry: 4%, Academia: 92%, Others: 4%*

-About presentation for helpful: *Excellent: 41%, Good: 42%, Mean: 15%*

Next expectation: 2%

✓ Comments are as follows.

-Good eye opener on interesting application of emerging technologies.

-The presentations are nice. But their themes are outside the scope of ISCAS.

- This is excellent forum.

✓ The theme you would like to listen to:

Future of VLSI Industry / Wearable devices, IoT, Healthcare / Society 5.0,
No Maps / Quantum Computing / Energy saving / Automotive / Effective
Collaboration between Industry & Academia/Research / More themes
related to circuits & Systems / Building the society through electronics
engineering / Technologies related to the Olympics (past and latest)

5. Observations and Suggestions

- ✓ It would be better if participants had the opportunity to register only in the forum.
- ✓ Exhibition booth will help to promote participation in the forum.
- ✓ The forum should be prepared from the time of creating the program of the conference (Society). Closer to holding a conference, negotiation becomes more difficult.
- ✓ It is important to cooperate with the local section/local affinity group (WIE, YP) and establish a local forum organization.

6. Expense

Total expense: \$1,290, including invited speakers' travel expense, gifts, and posters, banner for exhibition booth etc.

7. Local Organizers of Industry Forum in ISCAS 2019

Takako Hashimoto, Emi Yano, Iwao Hyakutake, Meiko Kajikawa, ISCAS local organizers and Toshihiko Sugie

8. Acknowledgements

We would like to thank Yoshikazu Miyanaga, ISCAS General Chair and Takao Onoye, Technical Program Chair, Hiroshi Tsutsui, Management Co-Chair and Takayuki Nakachi, Industry & Exhibition Co-Chair for their support. We would also like to thank Prof. Akinori Nishihara, Region 10 Director, Prof. Takako Hashimoto, Region 10 Secretary, Ms. Emi Yano, Region 10 WIE Chair, and Kukjin Chun, Region 10 Past Director for their presence and support. And we also thank Iwao Hyakutake and Meiko Kajikawa, IEEE Japan Office for support.

✧ Flyers

https://jp.ieee.org/files/IndustryForum_ISCAS2019.pdf

<https://jp.ieee.org/files/Program.pdf>

✧ Banner and Posters at exhibition booth

✧ Photo



From left, Takako Hashimoto, Takuya Irisawa, Tsuyoshi Yamamoto, Hiroshi Mizushima, Yoshifumi Seki, Akinori Nishihara, Chris Lee and Toshihiko Sugie.



Exhibition Booth



Presentation of certificate and gift to Yoshifumi Seki from Chris Lee.



Lecture by Takuya Irisawa

✧ Questionnaire result (Graph)

