

Ritsumeikan University IEEE Student Branch English Presentation Competition 2016

Date: Friday, 7th Oct 2016

Place: RITSUMEIKAN UNIVERSITY ROHM PLAZA3F, 5F

Schedule	
-----ROHM PLAZA 5F-----	
10:00-10:30	Registration
10:30-10:35	Opening Speech by Dr. Kumaki , a chair of Kansai Section Young Professionals AG
10:35-10:40	Introduction of IEEE Student Branch (SB) and This Competition by Muragishi, a chair of Ritsumeikan Univ. IEEE Student Branch

Session 1 (10:50-12:00)

-----ROHM PLAZA 3F-----	
11:00-11:10	Characteristic Functions of Sensing Node in for Monitoring Landslide Disaster Takeyoshi Nakano Ritsumeikan University
11:10-11:20	Multi-monolith Synchronization based on NTP for t-Room Yoshiki Fujita Doshisha University
11:20-11:30	Fluorine plasma treatment on InN films grown by RF-MBE Syunsuke Fukushima Ritsumeikan University
11:30-11:40	Power analysis and modeling of quadcopters on horizontal flight Kotaro Maekawa Ritsumeikan University
11:40-11:50	Lossless multi-channel EEG compression based on Kruskal's algorithm Marin Yasugi University of Hyogo
11:50-12:00	A development of the high efficient charger recycling the surplus power of unstable solar panels Naoki Yoshida Ritsumeikan University

-----ROHM PLAZA 5F-----	
11:00-11:10	Physical Behavior Estimated by Dynamic Data Flows in Telemetric Body Area Network System Kenji Hayashi Ritsumeikan University
11:10-11:20	See-Through: Driving as You've Never Seen Che-Tsung Lin Tsinghua University
11:20-11:30	Growth of N-polar InN by RF-MBE Yuji Kubonaka Ritsumeikan University
11:30-11:40	Performance evaluation of mega solar photovoltaic systems with different rated value photovoltaic modules connection Naotaka Oka Doshisha University
11:40-11:50	Analyzing the relations between donations and development progress in open source software projects Keitaro Nakasai Nara Institute of Science and Technology
11:50-12:00	Comfortable Sound Design Based on Sound Reconstruction of Infant Cry Aomi Kobayashi Ritsumeikan University

12:10-13:10 **Lunch Break (60mins)**

Session 2 (13:10-14:30)

-----ROHM PLAZA 3F-----

(UnderGraduate Session)

13:20-13:28	Analysis of Hierarchical 32-Core Architectures for FPGA-based Embedded Systems Seiya Sirakuni Ritsumeikan University
13:28-13:36	New contactless power transfer to articulated arm robot based on a disk repeater Kentaro Kawabe Ryukoku University
13:36-13:44	Study of method that detect sign of circulatory system disease. Hiroaki Ito Ritsumeikan University
13:44-13:52	Dynamic Evaluation of Pedestrian Walking Field by their Flow Measurement Akira Higuchi Ritsumeikan University
13:52-14:00	Algorithm associated with the separation of sound with achievement of circulatory system Wang Yigi Ritsumeikan University
14:00-14:08	Research of stethoscope to catch circulatory system diseases Ryota Sakamuki Ritsumeikan University
14:08-14:16	Weighted Double Sideband Modulation for Parametric Loudspeaker Yoshinori Ogami Ritsumeikan University
14:16-14:24	Research of super-resolution that is suitable to security cameras for the criminal investigation support Akira Akamatsu Ritsumeikan University

-----ROHM PLAZA 5F-----

13:20-13:30	Surface potential measurement of a-Ga ₂ O ₃ by Kelvin probe force microscopy Yoshiki Fujiki Ritsumeikan University
13:30-13:40	Autonomous Stabilization of Exercise Intensity in Physical Activities Muhammad Azary Rusli Ritsumeikan University
13:40-13:50	Lossless multi-channel EEG compression based on Kruskal's algorithm Yuki Terai Osaka University
13:50-14:00	Vocal and Head Pose Coordination during Turn-taking Predicts Ratings of Social Reciprocity and Rapport of Children with Autism Spectrum Disorder Chin-Po Chen Tsinghua University
14:00-14:10	An Optimal Wireless Power Transfer System for Lithium-Ion Battery Charge Yuto Honda Ritsumeikan University
14:10-14:20	Localization of Sound Distance for 16ch Head-enclosed Loudspeaker-array Taku Yoshimura Ritsumeikan University

14:30-14:50 **Rest (30mins)**

-----ROHM PLAZA 5F-----

Session 3 (14:50-16:10)

15:00-15:10	Design of Active Human Interface Realized Closed Body Area Network System Daichi Sugita	Ritsumeikan University
15:10-15:20	Growth of thick InGa _N by RF-MBE Yuto Yamaguchi	Ritsumeikan University
15:20-15:30	Indoor-environmental Sound Discrimination in Reverberant Environments Based on Deep Neural Network Sakiko Mishima	Ritsumeikan University
15:30-15:40	Macrophage tracking in time-lapse MR images Atsuki Tashita	University of Hyogo
15:40-15:50	The reduction of threading dislocation density in InN by radical-beam irradiation Ryoichi Fujita	Ritsumeikan University
15:50-16:00	A Study on Identification of Loudspeaker System Using Functional Link Artificial Neural Network Yuya Nakahira	Kwansei Gakuin University

16:10-16:40 **Rest (30mins)**

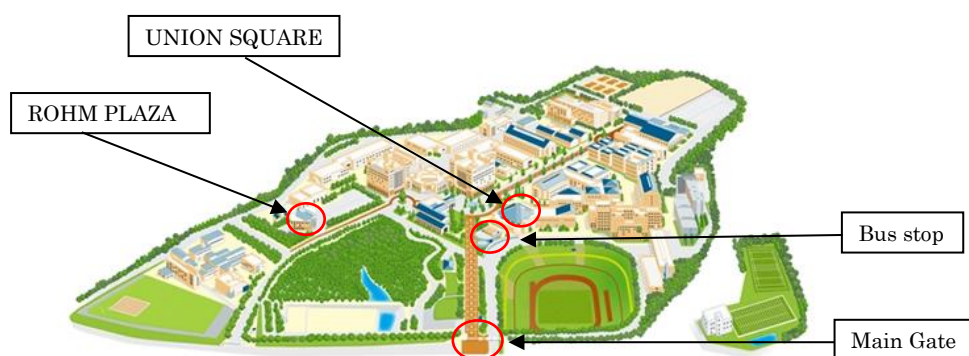
-----ROHM PLAZA 5F-----

16:40-17:00	Commentary & Awards Ceremony
17:00-17:05	Closing Speech by Prof. Fukumizu, a counselor of IEEE Ritsumeikan SB and a member of IEEE Kansai Section Student Activities Committee.

-----ROHM PLAZA 3F-----

18:00-19:00	Friendly Meeting (Food and drink will be provided) Place: Materials Exhibition Room (ROHM PLAZA3F)
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MAP



Ritsumeikan University Biwako Kusatsu Campus (BKC) MAP

Staffs

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Chair: Yuya Muragishi
Vice-Chair: Kohei Sugiyama
Secretary: Takuya Hatamoto
Treasurer: Kotaro Maekawa
Counselor: Prof. Yohei Fukumizu

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IEEE Kansai Section Young Professionals Affinity Group:

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Treasurer: Dr.Shingo Sato
 Dr.Ami Tanaka

Home page(Ritsumeikan Student Branch)

URL: <http://www.ieee.se.ritsumei.ac.jp/J/main.html>



*Sponsored by IEEE Kansai Section Student Activities Committee,
 Ritsumeikan University, Doshisha University, Kyoto Univesity, Nara Institute
 of Science and Technology, Osaka University, University of Hyogo and
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