

## Ritsumeikan University IEEE Student Branch English Presentation Competition 2015

Date: Friday, 16<sup>th</sup> Oct 2015  
Place: PRISM Hall

### Schedule

---

10:00-10:30	Registration (PRISM Hall )
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 Sugiyama, a chair of Ritsumeikan Univ. IEEE Student Branch

---

### Session 1 (10:50-12:00)

10:50-11:00	Measurement of impact on wrist at batting practice Yuichi Nakada                      M1              Ritsumeikan University              Takayama Lab.
11:00-11:10	Basic study of the performance by the identification algorithm classifier and the feature quantities Takuya Hatamoto                      B4              Ritsumeikan University              Fukumizu Lab
11:10-11:20	User Performance Equalization of RF Power Fading in an IMDD LR-PON by MC-CDMA Yi-ting Liao                      M2              Tsing Hua University
11:20-11:30	EVALUATION OF DYNAMIC CHARACTERISTIC OF MUDDY RIVER FLOW Motoki Takuno                      M1              Ritsumeikan University              Takayama Lab.
11:30-11:40	Reliable sensing technology for car Yuuki Nakazawa                      B4              Ritsumeikan University              Fukumizu Lab.
11:40-11:50	Study on high efficiency WPT underseas Dai Futagami                      M2              Ryukoku University
11:50-12:00	Implementation on CAM <sup>2</sup> of contour extraction by multiple counter Shougo Nishida                      M1              Ritsumeikan University              Ogura Lab.

---

12:00-13:20    **Rest (80mins)**

### Session 2 (13:20-14:40)

13:20-13:30	Threat of hardware Trojan horse Shinya Kimura                      M1              Ritsumeikan University              Ogura Lab.
13:30-13:40	A simulation of the impact of inductor winding resistance on switching converter Hironori Kubo                      B4              Ritsumeikan University              Fujita Lab.
13:40-13:50	Study for a person tracking between multiple cameras -Forensic person identification using L*a*b* color space- Yuuta Nakanishi                      M1              Ritsumeikan University              Fukumizu Lab
13:50-14:00	Autonomous wearable system to cure physical condition in daily activity Tomoko Maeda                      M1              Ritsumeikan University              Takayama Lab.
14:00-14:10	Secure communication in Automotive Takato Fukuno                      M1              Ritsumeikan University              Fukumizu Lab.
14:10-14:20	An Analytical Modeling for Asymmetric Double Gate Tunnel FET Honfei Lv                      M2              Kansai University
14:20-14:30	A system of forensic identification in crime investigation using voiceprints. Yusuke Shimizu                      M1              Ritsumeikan University              Fukumizu Lab

---

14:30-15:00    **Rest (30mins)**

---

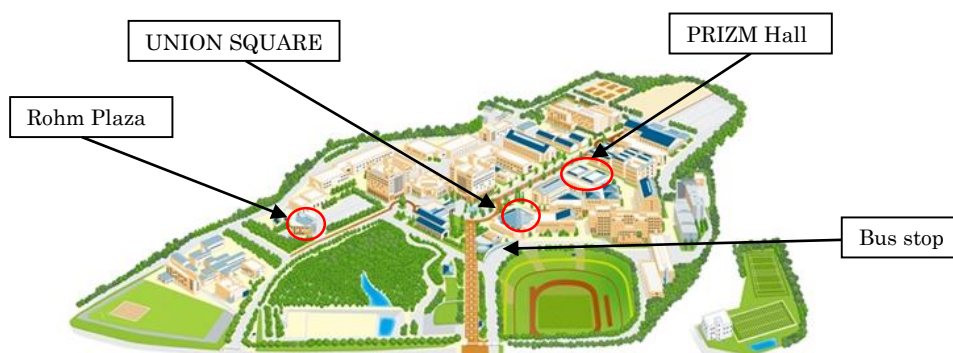
**Session 3 (14:50-16:00)**

15:00-15:10	MEASUREMENT OF HUMAN ACTIVITY BY TELEMETRIC BODY AREA NETWORK SYSTEM			
	Tomoya Katsuno	M1	Ritsumeikan University	Takayama Lab.
15:10-15:20	Design of Generic Hardware for Soft Cascade-Based Linear SVM Classification			
	Eric Aliwarga	M1	Osaka University	
15:20-15:30	Image quality improvement by super resolution technology			
	Fumihiro Yamasaki	B4	Ritsumeikan University	Fukumizu Lab
15:30-15:40	Parallel Seam Carving on CAM <sup>2</sup>			
	Naoki Tosa	M1	Ritsumeikan University	Ogura Lab.
15:40-15:50	Clustering Crystal Structures By Machine Learning Methods			
	Kazuki Kimura	M1	Kyoto University	
15:50-16:00	Silicon Realization of Probabilistic Spike-Based Continuous Restricted Boltzmann Machine Using Forney-Factor Graph			
	Ing-june Lu	M2	Tsing Hua University	
16:00-16:10	Research on Recognizing Oracle Bone Inscriptions			
	Yoshiyuki Fujikawa	M2	Ritsumeikan University	Yamazaki Lab.

16:10-16:30 **Rest (20mins)**

16:30-16:40	Commentary & Awards Ceremony
16:40-16:45	Closing Speech by Prof. Fukumizu, a counselor of IEEE Ritsumeikan SB and a member of IEEE Kansai Section Student Activities Committee.
17:00-18:00	Friendly Meeting (Food and drink will be provided) Place: Conference Room (Rohm Plaza5F)

**MAP**



Ritsumeikan University Biwako Kusatsu Campus (BKC) MAP

Staffs

**IEEE Student Branch at Ritsumeikan University Officer:**

**Chair:** Kouhei Sugiyama  
**Vice-Chair:** Syunsuke Takai  
**Secretary:** Yuta Nakase  
**Treasurer:** Yusuke Shimizu  
**Counselor:** Prof. Yohei Fukumizu

**IEEE Student Branch at Ritsumeikan University Committee Member:**

Takato Fukuno  
Yuuta Nakanishi  
Youhei Onishi  
Takashi Inui  
Yuuri Sumi  
Tatsuya Suzuki  
Kotarou Maekawa

**IEEE Kansai Section Young Professionals Affinity Group:**

**Chair:** Dr. Takeshi Kumaki  
**Treasurer:** Dr. Shingo Sato  
Dr. Ami Tanaka

**Home page**

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



*Sponsored by IEEE Kansai Section Student Activities Committee,  
Ritsumeikan University and  
IEEE Kansai Section Young Professionals Affinity Group*