

International Conference on Technology and Social Science (ICTSS) 2019  
Ma 8-10, 2019 (Kiryu Japan)

一期一会

● 前夜祭



● 学会当日



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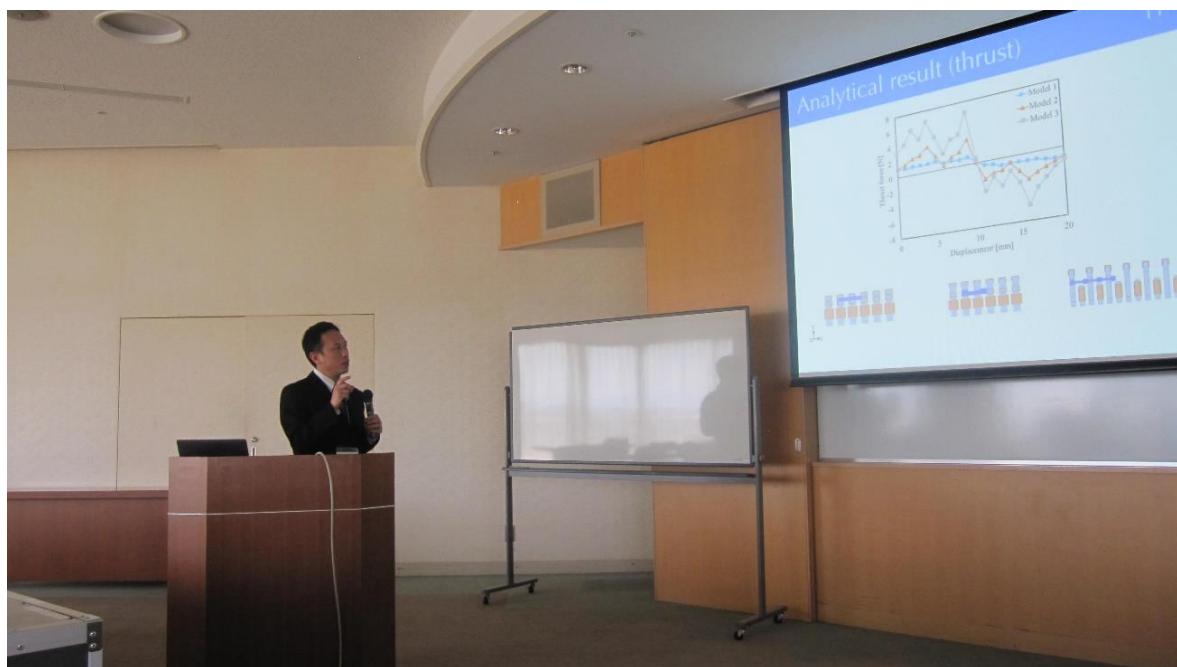
一期一会

- Invited Paper Session 4 : Analog/Power Supply Circuits and Their Related Technology

5月8日(水) 13:00-15:00

[1] (Invited) Nobuyuki Kurita, Yohei Takahashi

Proposal of a rare-earth magnet-less magnetically levitated carrier system



[2] (Keynote Lecture) Anna Kuwana

"Development of a Simulation Method Specialized for Flow in a Long and Narrow Region "



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- [3] **Xueyan Bai**, Dan Yao, Anna Kuwana, Haruo Kobayashi, “Numerical Simulation for Optimization of Unsteady Rotating Wind Turbine”



- [4] **Yujie Zhao**, Yuanyang Du, Yuki Ozawa, Yuto Sasaki, Anna Kuwana, Haruo Kobayashi, Takayuki Nakatani, Kazumi Hatayama, Keno Sato, Takashi Ishida, Toshiyuki Okamoto, Tamotsu Ichikawa, “Examination of ADC Histogram Test Time Reduction Method”



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- [5] **Minh Tri Tran**, Yifei Sun, Noriyuki Oiwa, Yasunori Kobori, Anna Kuwana, Haruo Kobayashi “Mathematical Analysis and Design of Parallel RLC Network in Step-down Switching Power Conversion System”.



5月8日(水) 15:30-17:30

- [6](Keynote Lecture) **Haruo Kobayashi**, Minh Tri Tran, Koji Asami, Anna Kuwana, Hao San  
"Complex Signal Processing in Analog / Mixed-Signal Circuits"

- [7] **Minh Tri Tran**, Nene Kushita, Anna Kuwana, Haruo Kobayashi, “Mathematical Analysis and Design of 4-Stage Passive RC Network in RF Front-End System



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- [8] **Riho Aoki**, Shogo Katayama, Yuto Sasaki, Kosuke Machida, Takayuki Nakatani, Jianlong Wang, Anna Kuwana, Kazumi Hatayama, Haruo Kobayashi, Keno Sato, Takashi Ishida, Toshiyuki Okamoto, Tamotsu Ichikawa, “[Simulation Evaluation of Null Method for Operational Amplifier Testing](#)”



- [9] **Shogo Katayama**, Riho Aoki, Yuto Sasaki, Kosuke Machida, Takayuki Nakatani, Jianlong Wang, Anna Kuwana, Kazumi Hatayama, Haruo Kobayashi, Keno Sato, Takashi Ishida, Toshiyuki Okamoto, Tamotsu Ichikawa [“Experimental Evaluation of Null Method and DC-AC Conversion for Operational Amplifier Testing”](#)



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[10](Invited) **Akito Chiba** and Takahide Sakamoto

Double frequency-spacing optical comb generation based on I-Q optical modulation



5月9日(木) 15:10-16:30

[11] **Minh Tri Tran**, Yifei Sun, Noriyuki Oiwa, Yasunori Kobori, Anna Kuwana, Haruo Kobayashi,

“Fast Response, Small Ripple, Low Noise Switching Converter with Digital Charge Time Control and EMI Harmonic Filter



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- [12] **Yudai Abe**, Takashi Ida, Jun-ichi Matsuda, Yukiko Shibasaki, Anna Kuwana, Haruo Kobayashi, Akio Iwabuchi, “IGBT Driver Design Using Multiple Peak Current Mirror Circuit”



- [13] **Manato Hirai**, Anna Kuwana, and Haruo Kobayashi, “Analog Signal Generator for Irrational Number Approximation Based on Number Theory”



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- [14] **Jianlin Wei**, Nene Kushita, Takahiro Arai, Lei Sha, Anna Kuwana, Haruo Kobayashi, Takayuki Nakatani, Kazumi Hatayama, Keno Sato, Takashi Ishida, Toshiyuki Okamoto, Tamotsu Ichikawa, “High-Resolution Low-Sampling-Rate  $\Delta\Sigma$  ADC Linearity Testing Algorithm”



一期一会

● 懇親会



一期一会



一期一会



一期一会



群馬大学 小林春夫