

**The 5<sup>th</sup> International GIGAKU Conference  
in Nagaoka  
(IGCN 2016)**

**Poster Award**

**7<sup>th</sup> October (Fri), 2016**

**Nagaoka University of Technology**

- P-12:** “Flame Acceleration Generated by Hydrodynamic and Diffusive-thermal Instabilities under the Adiabatic and Non-adiabatic Conditions -Risk Reduction Based on the Concept of System Safety-”  
Yusuke Morita, Thew Thwe Aung, Toshiyuki Katsumi and Satoshi Kadowaki (*NUT, Japan*)
- P-21:** “Human-in-the-Loop Type Simulator of MasterSlave Manipulation System for Micro Surgery”  
Yosuke Tashiro, Hirohumi Ohtsuka and Tomohiro Kawahara (*NIT, Kumamoto College, Japan*)
- P-23:** “Biomimetic Fabrication of Gas Storage System in Micro Two Step Cone Tube”  
Katsuaki Yamane and Akira Kawai (*NUT, Japan*)
- P-38:** “Recycling of High Purity Magnesium from Flame-Retardant Magnesium Alloy”  
Makoto Inoue<sup>1</sup>, Tetsuo Aida<sup>2</sup>, Kazuo Matsuzawa<sup>3</sup>, Naritoshi Aoyagi<sup>4</sup> and Masao Kita<sup>1</sup> (<sup>1</sup>*NIT, Toyama College, Japan*, <sup>2</sup>*University of Toyama, Japan*, <sup>3</sup>*Tokyo Metropolitan College of Industrial Technology, Japan* and <sup>4</sup>*NUT, Japan*)
- P-44:** “Parallel Implementation of Lattice Boltzmann Method for Flow Past a Circular Cylinder with High Reynolds Number”  
Ayurzana Badarch, Khenmedekh Lochin and Hosoyamada Tokuzo (*NUT, Japan*)
- P-56:** “Identification and Characterization of D-Aspartate Oxidase in the Thermophilic Fungus *Thermomyces dupontii*”  
Kohei Osugi, Katsumasa Abe, Shouji Takahashi and Yoshio Kera (*NUT, Japan*)

# Poster Award

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- P-58:** “Enzymatic Characterization of S46 Peptidase from Pathogenic Bacteria”  
Yasuhiro Ito<sup>1</sup>, Akihiro Nakamura<sup>1</sup>, Saori Roppongi<sup>2</sup>, Yuki Sakurai<sup>3</sup>, Yosiyuki Suzuki<sup>1</sup>, Koushi Hidaka<sup>3</sup>, Yuko Tsuda<sup>3</sup>, Yasumitsu Sakamoto<sup>2</sup>, Nobutada Tanaka<sup>4</sup>, Wataru Ogasawara<sup>1</sup> (<sup>1</sup>*NUT, Japan*, <sup>2</sup>*Iwate Medical University, Japan*, <sup>3</sup>*Kobe Gakuin University, Japan* and <sup>4</sup>*Showa University, Japan*)
- P-72:** “Analyses Method for Hazards of Materials Relating to Failure Modes by Considering Simulated Design Specifications of Functional Model”  
Tomoyuki Okabe and Yuichi Otsuka (*NUT, Japan*)
- P-86:** “Input Energy Control Experiment for Warm Dense Matter Generation by Using Electron Beam Diode for Inertial Confinement Fusion”  
Tomoaki Ito<sup>1</sup>, Ryota Hayashi<sup>1</sup>, Tomoki Ishitani<sup>1</sup>, Kenji Kashine<sup>2</sup>, Kazumasa Takahashi<sup>1</sup>, Toru Sasaki<sup>1</sup>, Takashi Kikuchi<sup>1</sup>, Nob. Harada<sup>1</sup>, Weihua Jiang<sup>1</sup>, Akira Tokuchi<sup>1,3</sup> (<sup>1</sup>*NUT, Japan*, <sup>2</sup>*NIT, Kagoshima College, Japan* and <sup>3</sup>*Pulsed Power Japan Laboratory Ltd., Japan*)
- P-97:** “A Proposal of Global Engineering PBL Education Using by Developed Sequence Control Kit”  
Akihiro Nitta, Junichi Sugaya and Kuniaki Yajima (*NIT, Sendai College, Japan*)
- P-99:** “The Active Learning Workshop of Improving the Skill of the Teaching on Collaboration between the National Institute of Technology and NUT”  
Shigeyoshi Nakamura<sup>1</sup>, Kyohei Kuroda<sup>1</sup>, Hideaki Abratani<sup>1</sup>, Akio Shimogoori<sup>2</sup>, Shinya Maki<sup>3</sup>, Takashi Yamaguchi<sup>3</sup> and Makoto Ichitsubo<sup>3</sup> (<sup>1</sup>*NIT, Kitakyushu College*, <sup>2</sup>*NIT, Hakodate College, Japan* and <sup>3</sup>*NUT, Japan*)

**Congratulation!**