International Symposium **on Frontier Power Systems**

Graduate Sub-Program in Electrical Engineering and Energy for Improvement of Practical Abilities and Future Preparation

September 13, 2014 Kumamoto University, JAPAN

Contents

- Electric Power System
- Renewable Power System
- Pulsed Power System
- Discharge & Plasma System

General Chair
Vice Chair
Program Chair
Financial Chair

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Endorsed by

Kumamoto University Institute of Pulsed Power Science Dept of Computer Science and Electrical Engineering







International Symposium on Frontier Power Systems PROGRAM

Panel Discussion will be done. Keynote speakers in the panel discussion are as follows.

09:50 -10:00 Opening remarks Prof. Hidenori Akiyama

Chair Prof. Sunao Katsuki

10:00 -11:30 **Dr. David Hemmert** (President of HEM Technologies, Lubbock, USA) "Industrial Applications of Pulsed Power"

Chair Prof. Tomoaki Ikegami

12:30 -14:00 **Prof. Juergen Biela**

(Laboratory for High Power Electronics Systems, ETH, Zurich, Switzerland) "High precision Solid State Pulse Modulators"

Chair Prof. Douyan Wang

14:00 -15:30 Prof. Edl Schamiloglu

(Dept. of Electrical and Computer Engineering, University of New Mexico, Albuquerque, USA) "High Power Microwave System and Its Applications"

15:30 -15:40 Break

Chair Prof. Takashi Sakugawa

15:40 -17:10 **Dr. David V. Reale**

(Center for Pulsed Power & Power Electronics, Texas Tech University, Lubbock, USA)

"An Overview of Gyromagnetic Nonlinear Transmission Lines Technology and Applications"

17:10 -17:20 Closing remarks Prof. Tomoaki Ikegami