

Preface

2018 International Conference on Electrical Engineering, Control and Robotics (EECR 2018) was held in Chengdu, China, from January 12 to 14, 2018, co-organized by University of Electronic Science and Technology of China, Sichuan Institute of Electronics, and Southwest Minzu University.

The goal of this conference is to foster pure and applied researches in recognition of academic and industry, and to encourage interdisciplinary and international collaboration for the participants. Accepted and presented papers will be published in MATEC Web of Conferences Proceedings (ISSN: 2261-236X). The conference proceedings will be indexed by Ei Compendex, SCOPUS, etc.

There were five keynotes in EECR 2018, first given by Dr. May Huang, a professor and department chair of Electrical and Computer Engineering of International Technological University, USA, with topic: Trend of AI Chips; followed by Associate Professor, Dr. Quang Ha, from University of Technology Sydney, Australia, with topic: Smart City Infrastructure: Energy Management and Environment Monitoring; Prof. Chun-Yi Su from Concordia University, Canada, gave topic of Modeling and Control of Hysteresis Nonlinearities in Smart Actuators; Prof. Xingwen Liu from Southwest Minzu University, China, gave topic of Covering Method in Stability Analysis and Controller Design of Switched Systems with Delays; and Assoc. Prof. Haiqing Li, University of Electronic Science and Technology of China, gave topic of Service Intelligent Robots Change People's Lives.

Total 63 papers are included in Proceeding of EECR 2018, presenting research works and results in fields of Control Theory and Control System, Smart Grid and Power Electronics Technology, Robot Design and Intelligent Control, as well as Information Engineering and Image Processing.

The coordinators of various sessions have devoted a considerable time and energy in soliciting papers from relevant researchers on presentations at the conference. The chairpersons of the sessions played important role in conducting the presentations of the sessions effectively.

On behalf of the conference committee, we express sincere appreciation to session chairs, presenters and coordinators. We also appreciate all the reviewers of the manuscripts for their valuable comments within the time allotted to them.

Thanks to everyone who was involved in EECR 2018 for making it successful! We expect that Proceedings of EECR 2018 could provide new ideas in areas of electrical engineering, control and robotics.

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