

Editor's Message to Special Issue on Embedded Systems Engineering

MASATO EDAHIRO^{1,a)}

Embedded systems support our social life and industries as “brains” in a wide variety of electronic products such as automobiles, home appliances, industrial equipment, and telecommunication devices. Research and development for these systems require innovative ideas to integrate technologies from hardware to software, from fundamentals to applications since embedded systems have to realize new services and features under severe physical and economic constraints. Establishing and advancing the embedded systems engineering is critical to not only better products but competitiveness of industries. Overseas research activities for embedded systems, mainly in Europe and the U.S., have rapidly progressed and a large number of outcomes have been published. It is necessary to vigorously promote research in universities and research institutions in Japan.

In this special issue, we called for papers on a wide range of areas from industry and academia, including hardware and software technologies, project managements, and human resources and educations related to embedded systems. Especially, we encouraged to submit papers presented in “Embedded System Symposium 2013 (ESS 2013),” which is sponsored by Special Interesting Group on Embedded System in Information Processing Society of Japan.

The number of submitted paper is 4 and one excellent paper has been accepted. Reviewers assigned from the editorial committee shown below conducted peer-reviewing.

We should accelerate to establish embedded system technologies through collaboration between industry and educational institutions. Since the special issues activate the collaboration, we plan to continue publishing them twice a year.

We would like to express our sincere appreciation to all the authors for their contribution.

The Editorial Committee

- **Editor in-Chief:**
Masato Edahiro (Nagoya University)
- **Deputy Chief Editor:**
Hiroki Matsutani (Keio University)
- **Editorial Committee:**
Toshiaki Aoki (Japan Advanced Institute of Science and Technology)
Hiroaki Fukuda (Shibaura Institute of Technology)
Katsuhiko Gondow (Tokyo Institute of Technology)
Mikio Hashimoto (Toshiba Corp.)
Eiichi Hayakawa (Takushoku University)
Yasushi Inoguchi (Japan Advanced Institute of Science and Technology)
Keiji Kimura (Waseda University)
Tomoji Kishi (Waseda University)
Hironori Nakajo (Tokyo University of Agriculture and Technology)
Yukikazu Nakamoto (University of Hyogo)
Kouichi Ono (IBM Research - Tokyo)
Nozomu Togawa (Waseda University)
Takanori Yokoyama (Tokyo City University)
Hironori Washizaki (Waseda University)

¹ Nagoya University, Nagoya, Aichi 464-8601, Japan

^{a)} eda@ertl.jp