FOREWORD

Special Section on Recent Progress in Organic Molecular Electronics and Biotechnology

It is my great pleasure to arrive at the day of this special issue publication. Currently the organic electronics technology has been applied in the commercial materials, for example as electro-luminescence display. Recently flexible electronics is a significant key word in this field, and many research groups are aiming for the health care and medical application. These seem to combine with the latest technology of "Internet of Things: IoT" to create the next social infrastructure. The key word of "Organic Electronics" will be increasing the importance more and more.

In the Electronics Society of IEICE, the Technical Committee of Organic and Molecular Electronics (OME) has showed the excellent leadership as a pioneer in this field. One of its important activities is the International Symposium on Organic Molecular Electronics (ISOME), and has been organized biannually since 2000. The 10^{th} ISOME (ISOME2018) was held successfully on May 31 to June 2, 2018 at Sun Messe Tosu. The symposium was blessed with 126 presentations, including 3 plenary lectures, 15 invited talks, and 108 contributed papers. 140 participants, including 115 Japanese and 25 foreigners from 8 countries joined to the discussion. The topics in the conference expanded to the wide range such as functional organic materials, Surface modification, thin films, nano-interfaces, single molecular devices, organic electronic devices, optical devices, sensors, measurement, energy conversion technology, bio-technology, and flexible electronics. The active vitality of this symposium specified the promising prosperity of organic molecular electronics and biotechnology.

In conjunction with ISOME 2018, a special section of "Recent Progress in Organic Molecular Electronics and Biotechnology" is issued in this volume of IEICE Transactions on Electronics. This Section consists of 7 regular and 16 brief papers. Pertinent special issues have been published biannually since 2000 (Vol.E83-C, No.7). These issues integrate invaluable record of the spreading progress in this field. Finally on behalf of the Editorial Committee, I would like to express sincere gratitude to the contributors as well as the Electronic Society of IEICE, and especially the ISOME2018 Organizing Committee members.

Naoki Matsuda, Guest Editor-in-Chief

Naoki Matsuda *(Member)* received B.E., M.E., and Dr. Eng. Degrees in applied chemistry from Tohoku Univ., Japan in 1988, 1990 and 1993, respectively. Since 1993 he has been a researcher in National Institute of Advanced Industrial Science and Technology (AIST), where he is now a senior researcher in Advanced Manufacturing Research Institute. The areas in is research involve surface spectroscopy, protein electrochemistry and solution plasma processing. He served as a chair of Technical Committee of OME for the fiscal years of 2015 and 2016. He is also a member of the Chemical Society of Japan, the Japan Society for Analytical Chemistry, the Electrochemical Society of Japan, the Surface Finishing Society of Japan, and the Japan Society of Applied Physics.