## Foreword From Conference Chair



**Dr. Ana Hadiana** Conference Chair, IC3INA

It is my great pleasure to extend a sincere welcome to all of you who are participating in IC3INA, the 2013 International Conference on Computer, Control, Information and Its Applications, being held here at head office of Indonesian Institute of Sciences in Jakarta, Indonesia.

The IC3INA serves as an international forum for academic and industrial researchers and practitioners to discuss in the area of computer, control and information technologies. The main objective of this conference is to bring together researchers from this tree areas to exchange ideas and experience in their respective fields. It provides an international forum for an overview of the most recent trends in these active research fields.

I am blessed with the presence of our distinguished keynote speakers, who are ones of the prominent scholars in the world in their respective areas. Their participation and contributions are deeply appreciated.

The IC3INA is sponsored by IEEE Indonesian Section, Research Center for Informatics-LIPI, and Indonesia Ministry of Communication and Informatics. This event is also supported by Fujitsu, Icon+, and Tatonas.

The theme of this conference is Recent Challenges in Computer, Control, and Informatics. We have received 160 paper submissions from 14 countries, out of which 73 were accepted for presentation by the program committee.

## 2013 International Conference on Computer, Control, Informatics and Its Applications Jakarta, Indonesia, 19-21 November 2013

The success of IC3INA is due to the tremendous efforts and good-will of all those who were involved in organizing the conference. I would like to express my sincere gratitude to those who helped in numerous ways to produce this high-quality conference. Last but not the least, I would like to express my thanks to all who submitted their work to IC3INA and who attends this conference.

I sincerely hope that all the participants will benefit from the technical contents of this conference, and enjoy the stay in Jakarta.

Dr. Ana Hadiana IC3INA Chair