Workshop and International Seminar on Science of Complex Natural Systems

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Preface

The International Seminar on Science of Complex Natural Systems 2015 (ISS-CNS 2015) was organized by the Faculty of Mathematics and Natural Sciences, Bogor Agricultural University. This event aims at sharing knowledge and expertise, as well as building network and collaborations among scientists from various institutions at national and international level. ISS-CNS 2015 was organized as a scientific seminar, which covers a keynote speech, some invited talks, and some contributed presentations. The parallel presentations came from 67 papers, which were presented in the form of oral as well as poster presentations. These papers are contributed from scientist from various research and higher education institutions in Indonesia as well as some neighboring countries. The talks were categorized into three categories namely Mathematical and Computational Modeling and Big Data (MCMB), Agricultural, Biological and Environmental System (ABES), and Socio-Economics Network Systems (SENS).

In this occasion, we were honored to have our distinguished keynotespeaker Prof. Peter M. A. Sloot, Director of Complexity Institute (Nanyang Technological University, Singapore) and invited speakers Prof. Stéphane Douady (Université Paris Diderot, France), Dr. Reed Beaman (University of Florida, USA), Dr. Ahmad Faqih (Bogor Agricultural University, Indonesia), and Dr. Roby Muhamad (University of Indonesia, Indonesia)

We also thank all participants for their contributions especially those who submit their full papers to the editorial board. In total, 44 papers are published and we are honored to have authors coming from various institutions around the world namely Netherland, Austria, Mexico, France, and Indonesia. Finally, we also thank our reviewers for maintaining a high quality standard of the accepted manuscripts for publication.

Bogor, December 2015

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