

Preface

The International Symposium on Nanoscience & Nanotechnology in Life Sciences 2017 (ISNNLS 2017) took place between 28-29 November 2017 at Hotel Santika Premiere, Surabaya, Indonesia. The symposium was organized by the Research Center for Quantum Engineering Design and Faculty of Science and Technology, Universitas Airlangga, Indonesia. ISNNLS 2017 was the fourth annual symposium that initiated and previously held by Research Center for Nanosciences and Nanotechnology (RCNN), Institut Teknologi Bandung, Indonesia.

In the last decade, nanotechnology has advanced, and nanoscale materials are used in everything from chemical catalyst to antibacterial agents. The scientific program of the symposium included many topics in the field of nanotechnology and its role in life sciences. The symposium presented keynote speakers from notable experts of nanoscience and nanotechnology, i.e., Kyle E. Cordova from University of California, USA, Prof. Yoshitada Morikawa from Osaka University, Japan, Prof. Heni Rachmawati from Institut Teknologi Bandung, Indonesia, Dr. Tommy Julianto Bustami Effendi from Universiti Teknologi MARA, Malaysia, and Mochamad Zakki Fahmi, Ph.D. from Universitas Airlangga, Indonesia. ISNNLS 2017 facilitated researchers, scientists, and engineers to exchange ideas and discuss progress in four main tracks, chapter of modeling, chapter of synthesis, chapter of treatment and chapter of supporting.

More than 100 participants took part in the symposium. We received 46 submissions to all main tracks. Papers were evaluated to the high standard. Two reviewers from Program Committee and additional reviewers were assigned to review each article. After the completion of the peer review process, 29 papers were selected for publication in the Journal of Physics: Conference Series (JPCS).

We would like to thank all authors, program committee members, reviewers, and fellow members of the symposium committee for their contribution to the symposium. We also greatly appreciated the publication support from Center for Journals Development and Scientific Publications, Universitas Airlangga, Indonesia.



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Abbreviation list for Institution

ITB	Institut Teknologi Bandung, Indonesia
UA	Universitas Airlangga, Indonesia
OU	Osaka University, Japan
UM	Universiti Malaya, Malaysia
UiTM	Universiti Teknologi Mara, Malaysia
ITATS	Institut Teknologi Adhi Tama Surabaya, Indonesia