PREFACE

The 24th Regional Symposium on Chemical Engineering 2017 was organized by the Department of Chemical Engineering, Faculty of Engineering, Diponegoro University-Semarang, Indonesia as an annual conference of the Chemical Engineering Institutions of the South East Asian Nations. Bringing its theme “*Innovations in Chemical Engineering Towards the Applications in Food, Energies and Materials*”, the conference aims to bring all prominent scientists, researchers, inventors and innovators as well as industrial practitioners together in one place so that we can share and exchange ideas, knowledge and expertise, widen networking among each other, present research findings, promote new technology and explore any potential benefits that might contribute to the new brighter and better future.

We received more than 217 submitted papers, which were firstly checked for plagiarism and further reviewed their scientific merits by international experts in their respective fields. After that tight selection procedure, only 149 papers were accepted for oral presentation and publication in this proceeding. The papers are categorized into 8 (eight) chapters, which are the broad areas of the conference. On behalf of the organizing committee and scientific committee of RSCE 2017, we would like to express our gratitude to all the participants, presenters, technical reviewers, and all collaborative partners for their contributions to the conference. We would like also thank the contributing authors for submitting papers and for being very patient to revise them multiple times based on the recommendations of the assigned reviewers.

We would like to thank the technical committee members, who get the papers from the contributors being reviewed by suitable experts on a voluntary basis. We have received valuable feedbacks from all the participants, which will help us in organizing such conference in a better way in the future.

The keynote lectures as well as the technical paper presentations were well attended and appreciated by the respective conference participants. Our heartfelt acknowledgment goes to them as well. In addition, we place on record our sincere gratitude to the chairperson of each and every conference session, for decently conducting the oral presentation of the technical papers and coordinating the discussions among the enthusiastic participants. The discussions and deliberations during the sessions are sure to be valued by the participants.

We are deeply indebted to EDP Sciences for excellently bringing out this conference proceedings through the MATEC Web of Conferences.

Thank you.

Prof. Dr. Andri Cahyo Kumoro

RSCE 2017 Scientific Committee Chair