

## **Proceedings**

International Seminar of Chemistry 2015

“The Innovation in Chemistry Education in Supporting Green Chemistry toward the Advanced KalTim 2018”

**Editor** : Prof. Dr. H. M. Amir Masruhim, M.Kes  
Abdul Majid, S.S.i, M.Si  
Dr. Usman, S.Si, M.Si  
Dr.H. Mukhamad Nurhadi, M.Si  
Dr. Erwin, M. Si  
Dr. Nurlaili, M.P

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Diah Eka Puteri

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Chemistry Education Study Program  
Faculty of Teacher Training and Education  
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## PREFACE

International Seminar on Chemistry in 2015 has been carried out on 12 September 2015 in Hall Rector Lt-4 Mulawarman Samarida. Activities of the International Seminar organized by Study Program of Chemistry and fully supported by the Dean of Faculty Teacher and Training Education, Rector Mulawarman University and Forum Cooperation Chemists Eastern Indonesia (FK3TI).

The seminar was attended by a number of participants consisting of: four guest speakers who come from Universitas of Bayreuth Jermany, University of Technology Malaysia, Hasanuddin University Makassar, State University Surabaya, and 36 speakers companion were divided into six groups presenting parallel and six speakers poster of lecturers from various universities in Indonesia and teachers throughout East Kalimantan.

Papers presented in these proceedings is the result of research covering the fields of chemistry, chemistry education, science education and science education. As well as the papers presented in these proceedings has been selected by the Papers evaluation team of the International Seminar of the committee of Chemistry 2015. Efforts publishing these proceedings have been conducted as much as possible and if there are errors and deficiencies in the publication of these proceedings, the criticisms and suggestions are expected in order to improve the The subsequent publication of proceedings.

We as the committee would like to thank all those who have supported and helped the implementation of the International Seminar in 2015 and the publication of these proceedings.

Chairman of the committee

Dr. Usman, M.Sc.