



## **PROCEEDING**

### **INTERNATIONAL CONFERENCE ON MATHEMATICS, SCIENCE, AND EDUCATION**

**”Optimizing The Role of Science and Science Education  
in Global Cooperation”**

#### **Reviewer:**

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Harjito, M.Si**

**FACULTY OF MATHEMATICS AND NATURAL SCIENCES  
SEMARANG STATE UNIVERSITY**

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**2014**

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## PREFACE

Thanks to God Almighty this International Conference Proceeding could be completed. All articles in this proceeding are presented in International Conference On Mathematics, Science, and Education – Optimizing The Role of Science and Science Education in Global Cooperation on September 19-21<sup>st</sup>, 2014 at Patra Jasa Semarang Convention Hotel. This Conference is organized by Faculty of Mathematics and Natural Science Facult, supported by Rector of Semarang State University as one of program from Technical Faculty to Achieve UNNES’ vision and mission to be one of international campus.

This conference is designed to improve the discussion and research scope in mathematics and science area in the national and international level. Sub topics in this proceeding cover mathematics, applied mathematics, and mathematics education in accelerating character building. Enhancing biology and biology education research for a better life. Green chemistry in research and education. Physics and physics education for trending research. Hopefully this publication of proceeding will be profitable for all of us.

Regards

Committee of ICMSE

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