

## FOREWORD

We would like to express our appreciation to all contributors for supporting us with their work in the new edition of the *Indonesian Mathematical Society Journal on Mathematics Education* (IndoMS-JME). The issue of this volume is *Mathematical Literacy*. The online version of this journal was available for free download from <http://jims-b.org>.

We are grateful to welcome the contributions from an expert in mathematics education: Prof. Dr. Kaye Stacey, the head of mathematics expert PISA, from University of Melbourne, Australia. In her article “*The PISA View of Mathematical Literacy in Indonesia*”, Stacey shared her experience on the design of the PISA assessments, discussed mathematical literacy and reports on a selection of results from the PISA assessments, associated surveys and related analyses to give a flavor of the information that has resulted from this major international initiative. Results for Indonesia are compared with the OECD average and with a selection of countries, addressing issues of overall achievement, equity, and classroom environment.

Seven research articles were written by young Master who recently graduated from the International Master Program on Mathematics Education (IMPoME) Sriwijaya University in collaboration with Utrecht University and the last article were written by young Master who recently graduated from Indonesia University of Education. Shintia Revina from State University of Jakarta wrote an article about spatial visualization tasks to support students’ spatial structuring in learning volume measurement. Nenden Octavarulia Shanty from State University of Jakarta wrote about investigating the progress of Indonesian fifth grade students’ learning on multiplication of fractions with natural numbers. Zetra Hainul Putra from State University of Padang discussed about supporting first grade students learning number facts up to 10 using a parrot game. Kurnia Rahmi Yuberta from State University of Padang talked about developing student’s notion of measurement unit for area. Fridgo Tasman from State University of Padang wrote about helping students acquainted with multiplication in rectangular model. Meryansumayeka from Sriwijaya University discussed about structured arrangement supporting the development of splitting level in doing multiplication by number up to 20. Puri Pramudiani from Indonesia University of Education talked about a concrete situation for learning decimals. Rippi

Maya from Indonesia University of Education wrote about mathematical understanding and proving abilities of undergraduate students.

For the next edition, the theme will be on metacognitive in mathematics education. We invite all of readers, researchers, and teachers to contribute relevant articles to us. The main article was written by Prof. Dr. Christa Kaune from Institut für Kognitive Mathematik, Universität Osnabrück, Germany. On behalf of the editorial team, I would like to congratulate all contributors for their great work. We look forward to welcoming more contributions for our next edition.

Zulkardi