



Lao People's Democratic Republic  
Peace Independence Democracy Unity Prosperity

National University of Laos  
Faculty of Natural Sciences

No. ....25.... / FNS  
Vientiane Capital, December 2, 2018

### **11<sup>th</sup> ICMMEDC 2018 Report**

The local organizing committee of the 11<sup>th</sup> ICMMEDC 2018 Laos is highly appreciated to report you that the conference was held between October 31 to November 4, 2018 at National University of Laos

#### **I. The meaning and Importance of the Conference**

The 11<sup>th</sup> ICMMEDC is a stage of gathering Mathematicians of developed and developing countries to presents their researches on Mathematics, promote the collaboration of Mathematical side among ASEAN countries and others. This conference is the 11<sup>th</sup>, the first five times were organized in Cambodia and the last five times were held in Myanmar

The Lao PDR is a country that is running the 5-year developing plans of the Lao government and the human resource development is one of the 4 target plans of Lao PDR which was stated in the IX Lao Party Congress. Therefore, upgrading the academic affairs of people plays an important role in development of the country. In order to reach that goal, international cooperation is necessary because it can be the stage of exchange knowledge, strengthen the academic works especially the researches conducted. It also encourages Lao Mathematicians to do researches that approach to the international level. Therefore, being the host of this conference, could give chance to Lao Mathematicians to present their work, listen to experienced professors from different countries to present wonderful researches in different areas of Mathematics with interesting discussions and exchanges knowledge among the participants. It also marks the collaboration between National University of Laos and the South East Asian Mathematical Society.

#### **II. Purposes**

- To collaborate and exchange researches' works
- To gain new knowledge for Lao Mathematicians and researchers
- To creat international stage for Lao researchers to present thei work
- To upgrade Lao Mathematicians to approach international standard

- To exchange academic knowledge between Lao teachers who teach Mathematics in Teacher Training College, in Universities of Laos and experienced professors from oversea
- To encourage Lao Mathematician to recognize the importance of Mathematical development

### III. Conference's organizing and participants

#### 2.1 Local and international organizers

- Local Organizers

1. Assoc. Prof. Dr. Bounphanh TONPHENG, Dean of FNS President
2. Assoc. Prof. Sackmone SIRISACK, Vice-Dean of FNS Vice-President
3. Mr. Keo TIENGMANY Vice-Dean of FNS Vice-President
4. Mr. Khamvanh KINNAVONG, Head of Maths. Dep. Member
5. Mrs. Khampou INTHAVONE, Vice-Head of Maths. Dep. Member
6. Dr. Phoui SOUKSOMVANG, Vice-Head of Maths. Dep. Member
7. Assoc. Prof. Dr. Thongloon VILAYTHONG, Head of Research Div. Member
8. Mr. Vilaysack SIKOTHVONGSA, Head of Personnel Dep. Member
9. Miss. Bouasy DOUANGSAVANH, Lecturer coordinator

- International Organizers

1. **Jose Maria Balmaceda**

Dean, College of Science, University of the Philippines, Philippines Current SEAMS President

2. **Graeme Fairweather**

Executive Editor Emeritus, Mathematical Reviews, American Mathematical Society, Ann Arbor, Michigan, USA

3. **Wanida Hemakul**

Associate Professor, Department of Mathematics and Computer Science, Faculty of Science, Chulalongkorn University, Thailand, Past SEAMS President

4. **Morrakot Khebhareon**

Assistant Professor, Department of Mathematics, Chiangmai University. Thailand

5. **Toh Tin Lam**

National Institute of Education, Singapore, President, Association of Mathematics Educators (AME), Singapore

6. **Ms. Pauline Anne Therese Mangulabnan**

Researcher, Department of Professional Development of Teacher, University of Fukui, Japan

7. **Fidel Nemenzo**

Vice Chancellor for Academics and Research, University of the Philippines, Philippines Past  
President of SEAMS

**8. Amiya Pani**

Professor, Department of Mathematics, Indian Institute of Technology, India

**9. Francesco Pappalardi**

Professor, Mathematics Department, Unoversita Roma, Rome, Italy

**10. Carlene P. C. Pilar-Arceo**

Professor, Institute of Mathematics, College of Science, University of the Philippines, Diliman,  
Manila, The Philippines

**11. Chan Roath**

Director of the Cambodia Department of Scientific Research, Ministry of Education Youth and  
Sports

**12. Padmanabhan Seshaiyer**

Professor, Department of Mathematical Sciences, George Mason University, USA

**13. Nyunt Swe**

Pro-Rector (RTd), Mandalay University of distance Education

**14. Michel Waldschmidt Emeritus**

Professor, Universite Paris VI, France, Chair Committee for the Developing Countries (CDC)  
of the European Mathematical Society, 2013-2015

**2.2 Participants**

The number of countries participated the conference was 14 as following: Cambodia, Canada, China, France, India, Intaly, Japan, Myanmar, Singarpore, Sweden, Thailand, The Pilippines, United States of America, and Portugal

The total number of participants joined the pre-conference from October 31 to November 1, 2018 was 93 people including 9 invited speakers and 2 general participants from oversea, 82 Lao people who came from different organizations such as high school teachers and students, Bachelor and Master's degree students, Teacher Training College teachers and teachers from universities of Laos ຄົນລາວ.

The total number of participants joined the conference from November 2-4, 2018 was 150 people including 45 women, 42 professors (8 women). Among the oversea mathematician are 35 professors (4 women) presented their research work, 108 Lao people (42 women). Among Lao participants there were 5 people (2 women) presented their work. Besides this, the last hour of November 4, there was a public lecture with the topic of the importance of Mathematics in our everyday life which were 272 people participated including 126 students (53 women).

**IV. Source of Capital to support**