

# National Conference in Science and Mathematics Education

"Empowering Teachers for the K to 12 Curriculum through Lesson Study"

22-24 October 2013

UP NISMED, Diliman, Quezon City

## 22 October

07:00- 08:30 Registration

### 08:30- 10:30 OPENING PROGRAM

#### *Opening Remarks*

Dr. Soledad A. Ulep, Director, UP NISMED

#### *Welcome Remarks*

Dr. Caesar A. Saloma, Chancellor, UP Diliman

#### *Messages*

Br. Armin Luistro, Secretary, Dept. of Education

H.E. Hon. Toshinao Urabe, Japanese Ambassador

#### *Keynote Address*

Prof. Shizumi Shimizu

Teikyo University, Japan

#### *Orientation about the Conference*

Dr. Risa L. Reyes

Deputy Director for Research and Extension

UP NISMED

10:30-11:00 COFFEE BREAK

11:00-12:00 Plenary Lecture I

*K to 12 Curriculum (Science and Mathematics)*

Dr. Dina S. Ocampo

Undersecretary for Programs and Projects

Department of Education

12:00-13:00 LUNCH

13:00-14:00 Plenary Lecture II

*The Philippine Involvement*

*in the APEC Lesson Study Project*

Dr. Soledad A. Ulep

14:00-15:00 Plenary Lecture III

*Developing Mathematical Thinking*

*through Problem Solving*

Dr. Masami Isoda

University of Tsukuba, Japan

15:00-15:30 COFFEE BREAK

15:30-17:00 Lesson Study I

*Implementation of a Science Research*

*Lesson/Post Lesson Discussion*

## PROGRAM OF ACTIVITIES

### 23 October

08:00- 09:00 Plenary Lecture IV

*Using ICT in Promoting Skills on Inquiry in Science and Problem Solving in Mathematics*

Dr. Tran Vui

Hue University, Vietnam

09:00- 10:00 Plenary Lecture V

*Integrating the Essential Elements of Lesson Study in Pre-Service Teacher Education*

Dr. Levi E. Elipane

University of the Philippines

Diliman Campus

10:00-10:30 COFFEE BREAK

10:30-11:10 Parallel Paper Presentations I

11:20-12:00 Parallel Paper Presentations II

12:00-13:00 LUNCH

13:00-13:40 Parallel Paper Presentations III

13:45-14:25 Parallel Paper Presentations IV

14:30-15:10 Parallel Paper Presentations V

15:10-15:30 COFFEE BREAK

15:30-17:00 Lesson Study II

*Implementation of Mathematics Research*

*Lesson/Post Lesson Discussion*

### 24 October

08:00- 09:00 Plenary Lecture VI

*Innovations in a Science Classroom: Teacher's Questions and Students' Reactions*

Dr. Hideo Ikeda

Hiroshima University, Japan

09:00-10:00 Plenary Lecture VII

*Learning Progressions for the K to 12 Curriculum*

Dr. Francis Molina

National Science Digital Library

U.S.A.

10:00-10:30 COFFEE BREAK

10:30-11:15 Local Network on Lesson Study

Japanese Government Scholarships

11:15-12:00 Poster Presentations

12:00-13:00 LUNCH

13:00-14:00 Plenary Lecture VIII

*A Science Lesson and a School Reform*

Dr. Yutaka Saburi

Fukui University, Japan

14:00-15:00 CLOSING PROGRAM

*Messages*

*Closing Remarks*

Dr. Rosario I. Alonzo

Dean, UP College of Education