

# INTERNATIONAL CONFERENCE ON SCIENCE AND MATHEMATICS EDUCATION

OCTOBER 27 – 29, 2008

University of the Philippines

National Institute for Science and Mathematics Education Development

## SECOND ANNOUNCEMENT AND CALL FOR PAPERS

Theme: *Meeting the Challenges in Science and Mathematics Education: Innovations in Action*

The University of the Philippines National Institute for Science and Mathematics Education Development (UP NISMED) in cooperation with UNESCO International Bureau of Education (IBE – Geneva), International Council of Associations for Science Education (ICASE) – Asian Chapter, Department of Education, Commission on Higher Education, and Department of Science and Technology – Science Education Institute will hold an international conference on science and mathematics education on October 27 – 29, 2008 at UP NISMED, Diliman, Quezon City.

To be held in conjunction with the centennial celebration of the University of the Philippines, the conference will address the theme “Meeting the Challenges in Science and Mathematics Education: Innovations in Action”. Plenary sessions, paper presentations, poster presentations, and workshops will aim to:

- Give an opportunity for teachers, researchers, and educators to share innovative and creative solutions to problems/challenges in the teaching and learning of science and mathematics
- Provide a forum for the exchange of exemplary practices and research results
- Facilitate working group discussions among researchers, educators, and classroom practitioners
- Generate local programs of action to improve science and mathematics teaching and learning

Science and mathematics teachers, preservice faculty, researchers, and textbook developers are invited to submit papers/posters in any of the following sub-themes:

- Technology Integration
- Assessment of Student Learning
- Curriculum Reform: Processes and Policies
- Action Research
- Professional Development Models
- Education for Sustainable Development

Abstracts for paper/poster presentation should not exceed 500 words. Please provide the following information at the beginning of the abstract:

*Title of Paper/Poster*

*Author/s and email address(es)*

*School/Institution*

*Postal and email address, contact numbers*

*Subject Area (Science or Mathematics Education)*

*Theme (Technology Integration, Assessment of Student Learning, Curriculum Reform: Processes and Policies, Action Research, Professional Development Models, or Education for Sustainable Development)*

*School level (Primary, Secondary or Tertiary)*

Abstracts should be **sent by email** in Microsoft Word format using Times New Roman 12-point size and single spaced to [nismed@up.edu.ph](mailto:nismed@up.edu.ph) not later than June 30, 2008. Notification of acceptance will be sent by email by July 31, 2008. Final manuscripts are due by August 29, 2008.

The Official language of the conference is English.

## REGISTRATION

All participants are requested to register for the conference on or before September 30, 2008. There is no assurance that those who will register after this date will enjoy all the privileges of the participants who registered early. **Only 400 participants will be accepted for the conference.** UP NISMED reserves the right **NOT** to accept walk-in participants once the maximum number of participants has been reached.

Accomplished registration forms should be sent to UP NISMED together with proof of payment of the registration fee. There are two ways to register:

1. Registration by mail or fax

Fill up the enclosed registration form and mail along with the proof of payment to:

Dr. Merle C. Tan  
UP NISMED, UP Campus, Diliman 1101  
Quezon City, Philippines

or fax to (632) 9283545

2. Registration by email

Send the registration information along with the proof of payment to  
**nismed@up.edu.ph**

Confirmation of registration will be made upon receipt of accomplished registration form and payment.

## CONFERENCE REGISTRATION FEE

(includes conference kit, proceedings in CD form, 3 lunches and 6 snacks)

### **Early bird (on or before July 31, 2008)**

Local PhP 3,000      Foreign US\$80

### **Regular**

Local PhP 3,500      Foreign US\$100

**All accepted paper/poster presenters are required to register and pay the conference fee.**

## CANCELLATION OF REGISTRATION

On or before September 30, 2008      90% Refund

After September 30, 2008              No Refund

## CONFERENCE PROGRAM

### Day 1: October 27, 2008

Time	Activities
7:00 – 8:30	Registration
8:30 – 10:00	Opening Program
10:00 – 10:30	SNACKS
10:30 – 11:30	Plenary Session 1
11:30 – 1:00	LUNCH
1:00 – 2:00	Plenary Session 2
2:00 – 3:00	Plenary Session 3
3:00 – 3:30	SNACKS
3:30 – 4:15	Parallel Paper Presentations 1
4:15 – 5:00	Parallel Paper Presentations 2
5:30	Cultural and Fellowship Night

### Day 2: October 28, 2008

Time	Activities
8:15 – 8:30	Recap of Previous Day's Activities
8:30 – 9:30	Plenary Session 4
9:30 – 10:00	SNACKS
10:00 – 11:00	Plenary Sessions A (Mathematics/Science Education)
11:00 – 12:00	Plenary Sessions B (Mathematics/Science Education )
12:00 – 1:30	LUNCH
1:30 – 3:00	Parallel Workshops 1
3:00 – 3:30	SNACKS
3:30 – 4:15	Parallel Paper Presentations 3
4:15 – 5:00	Poster Presentations Meeting of Professional Organizations

### Day 3: October 29, 2008

Time	Activities
8:15 – 8:30	Recap of Previous Day's Activities
8:30 – 9:30	Plenary Session 5
9:30 – 10:00	SNACKS
10:00 – 11:30	Parallel Workshops 2
11:30 – 1:00	LUNCH
1:00 – 2:00	Plenary Session 6
2:00 – 3:00	Panel Discussion
3:00 – 4:00	Closing Program
4:00 – 4:30	SNACKS Distribution of Certificates

## KEYNOTE SPEAKER

*Improving Science Education: Turning Policy into Practice*

**Dr. Peter Fensham**

Retired Professor, Monash University, Australia  
Consultant, UNESCO Paris

## PLENARY SPEAKERS

➤ **Dr. Yeap Ban Har (Topic: Assessment of Student Learning)**

National Institute of Education  
Nanyang Technological University, Singapore

➤ **Dr. Tran Vui (Topic: Technology Integration)**

Head, Office for Science Technology and International Cooperation  
Hue University College of Education, Vietnam

*The Integration of Technology with Mathematics Curriculum in Classrooms to Enhance Student Higher-Order Thinking*

➤ **Dr. Bill Atweh (Topic: Professional Development Models)**

Associate Professor  
Science and Mathematics Education Centre  
Curtin University of Technology, Perth Western Australia

*Innovations Supporting Teachers for Teachers Supporting Innovations*

➤ **Dr. Max Stephens (Topic: Curriculum Reforms in SME )**

Senior Research Fellow  
Melbourne University, Australia

*Improving Participation and Success in Mathematics – Bridging the Divide Between Arithmetical Operations in the Elementary Schools and Some Fundamental Ideas of Secondary School Algebra*

➤ **Dr. Cheah Ui Hock (Topic: Action Research)**

Head, Research and Development,  
RECSAM Malaysia

➤ **Dr. Linda Posadas (Topic: Education for Sustainable Development)**

Programme Specialist for Basic Sciences  
Regional Science Bureau for Asia and the Pacific, UNESCO Jakarta

## **Plenary Speakers for Science/Mathematics (as of July 10, 2008)**

**Dr. Janchai Jingprayoon**

Former ICASE President, Thailand

**Mr. Masakazu Goto**

Research and Science Education Specialist  
NIER Japan

**Dr. Maria Victoria Bernido**

Physics Education Specialist  
Central Visayas Institute, Jagna Bohol, Philippines

**Dr. Fumihiko Shinohara**

ICT Specialist,  
Tokyo Gakugei University, Japan

**Dr. Bhinyo Panijpan**

Director, Institute for Innovation and Development of Learning Process  
Mahidol University, Bangkok, Thailand

## HOTEL/HOSTEL ACCOMMODATIONS (INSIDE AND NEAR THE UNIVERSITY):

Hotel Name	Address	Email/Website/Fax
NISMED Hostel	UP NISMED, Diliman, Quezon City, Philippines 1101	<a href="mailto:nismed@up.edu.ph">nismed@up.edu.ph</a> Telefax: (632) 9283545 Tel.: 9274276 local 102/118
University Hotel	Guerrero St. Corner Aglipay UP Campus, Diliman, Quezon City 1101	<a href="mailto:updilimanhotel@gmail.com">updilimanhotel@gmail.com</a> <a href="http://updilimanhotel@googlepages.com">updilimanhotel@googlepages.com</a>
UPAA Hostel and Services, Inc.	Alumni Center, UP Campus, Diliman, Quezon City 1101	<a href="mailto:upaahostel@yahoo.com">upaahostel@yahoo.com</a> telefax: (63-2)926-9835
Francisco Benitez Alumni Center	Magsaysay Ave., UP Campus, Diliman, Quezon City 1101	<a href="mailto:upeaa.alumni@gmail.com">upeaa.alumni@gmail.com</a> telefax: (63-2) 9261426, 9818500 loc 4258
UP International House	Guerrero corner Dagohoy St., UP Campus, Diliman, Quezon City 1101	<a href="mailto:upbalay@hotmail.com">upbalay@hotmail.com</a> telefax: (63-2) 9204843
UP School of Labor and Industrial Relations Dormitory	UP Campus, Diliman, Quezon City	<a href="mailto:solair@up.edu.ph">solair@up.edu.ph</a> <a href="http://www.solair.edu.ph">www.solair.edu.ph</a> , <a href="http://www.cleared.com.ph">www.cleared.com.ph</a> telefax: (63-2) 9207717
SEAMEO INNOTECH	Commonwealth Ave., UP Diliman, Quezon City 1101	<a href="http://www.seameo-innotech.org">www.seameo-innotech.org</a> <a href="mailto:info@seameo-innotech.org">info@seameo-innotech.org</a> Fax: (63-2) 9210224, 9287692
Local Water Utilities Administration Dormitory	Katipunan Avenue, Balara, Quezon City	<a href="mailto:lwua@mozcom.com">lwua@mozcom.com</a> Fax: (63-2) 9223434
Fersal Hotel Inn	130 Kalayaan Ave., Diliman, Quezon City	<a href="mailto:reservations@fersalinn.com.ph">reservations@fersalinn.com.ph</a> Fax: (63-2) 9253205
Sulo Hotel	Matalino Road, Diliman, Quezon City 1101	<a href="http://www.sulohotel.com.ph">www.sulohotel.com.ph</a> Fax: (63-2) 9207438

*\*There are other nearby hotels. Please contact NISMED Hostel for information.*

## INQUIRIES/ASSISTANCE

Call for Papers: (63-2) 9274276 extension 108/106 - ask for Aida Yap or Risa Reyes

Registration: (63-2) 9274276 extension 205 – ask for Edna Callanta

Telefax: (632) 928- 3545

Email: [nismed@up.edu.ph](mailto:nismed@up.edu.ph) Subject: International Conference

Website: <http://www.nismed.upd.edu.ph/conference>

\*Visit this website for updates

For other concerns, please write or call:

The Conference Secretariat

UP NISMED

Diliman, Quezon City

Philippines 1101

Tel. Nos.: (632) 9274276 or 9281563

(632) 9818500 local 3901 to 3910 extension 212/111/108/106

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OCTOBER 27 – 29, 2008

REGISTRATION FORM

*\*please type or print in BLOCK LETTERS*

Name: (check one)  Prof.     Dr.     Mr.     Ms.

\_\_\_\_\_

(Family Name)

\_\_\_\_\_

Given Name

\_\_\_\_\_

(Middle Name)

Affiliation/School and Address:

\_\_\_\_\_

\_\_\_\_\_

Mailing Address: (check one)  Office/School     Home

\_\_\_\_\_

\_\_\_\_\_

Tel./Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_ Mobile Phone No.: \_\_\_\_\_

I plan to present a (please tick):

Paper  Yes     No

Poster  Yes     No

Area:

Science

Mathematics

School Level:

Elementary

Secondary

Tertiary

Theme of your paper/poster:

- Technology Integration
- Assessment of Student Learning
- Curriculum Reform: Processes and Policies
- Action Research
- Professional Development Models
- Education for Sustainable Development

Form of Payment:

- Bank check/Postal Money Order payable to FPSMER, Inc.
- Cash
- Bank Deposit

Account Name: FPSMER

Account No.: 275-830668-5

Bank Name and Branch: PNB, UP Campus Branch

Signature: \_\_\_\_\_ Date: \_\_\_\_\_