

## **Announcement**

**Fourth APEC-Tsukuba International Conference:  
Innovation of Mathematics Teaching and Learning through Lesson Study  
- Connection between Assessment and Subject Matter –  
February 17-21, 2010, Tokyo, Japan**

As an extension of APEC HRD Lesson Study project 03/2006, 02/2007, 02/2008 under the Ministry of Education, Culture, Sports and Science, Japan and the Ministry of Education, Thailand, 'Lesson Study for Implementing Curriculum: Developing Innovative Assessment Problem' was accepted in the APEC HRD Chicago meeting as the project HRD 01/2010s for improving mathematics and science teaching which was recommended by the Ministerial Meeting in Lima, 2008.

Through the previous projects in APEC HRD working with Khon Kaen University, Thailand, Lesson Study, originated in Japan in the last quarter of 19 century, is now a well-known approach in the world for the action research in classroom by teachers and used for curriculum development and implementation, developing innovative teaching approach as well as facilitating teachers' professional development. For the project HRD 01/2010s, we are pleased to inform you that the University of Tsukuba is going to hold the conference as the schedule below. In the context of previous projects, we already have the leading specialists from participating economies. At the same time, it would be an honor for us if each economy could send us key specialists, supervisors and teachers who may support the lesson study movement in your economy.

As well as previous projects, the project follows the plan, do, see and applying processes. The conference managed by University of Tsukuba aims to plan. After the conference, each specialist is expected to engage in the lesson study project in each economy and will report at the conference managed by Khon Kaen University, Thailand, in August, 2010. The applying includes contribution to the APEC HRD knowledge bank.

### **Conference date**

Orientation of the project: 17, February, 2010

Plenary Session: 20-21, February, 2010

Lesson Study Session: 18-19, February, 2010

### **Tentative Schedule of the Conference**

17, February, 2010: Arrival Day

*Night Session*

The session for sharing objectives of the project HRD 01/2010s

18, February, 2010: Participating in the largest Lesson Study in the world and discussion

*Venue: Attached Elementary School, University of Tsukuba, Tokyo*

*Morning Session*

Observing science class with English translation

*Afternoon Session*

Specialists' session for the project HRD 01/2010s with relation to Assessments

19, February, 2010: Participating in the largest Lesson Study in the world and discussion

*Venue: Attached Elementary School, University of Tsukuba, Tokyo*

*Morning Session*

Observing mathematics class with English translation

*Afternoon Session*

Specialists' session for the project HRD 01/2010s with relation to materials

20, February, 2010: Plenary Conference focusing on the Assessment

*Venue: United Nations University, Tokyo*

*Morning Session: Keynote Session*

Opening Ceremony

Mathematical Literacy on the OECD-PISA

Improvement of Teaching by improving National Assessment in the case of Japan

Professional Development through Lesson Study in the case of Thailand

*Afternoon Session: APEC Economies' Session*

Short lectures: Challenges of the improvement of teaching from improvement of assessments test.

Panel Discussion

21, February, 2010: Plenary Conference focusing on the materials for Lesson Study

*Venue: United Nations University, Tokyo*

*Morning Session: Keynote Session*

Development of Mathematics Textbooks and Tools in 20th century

Problem Solving Approach Emended in Japanese Textbooks

Plan for Professional Development using Japanese Textbooks in the cases of Mexico and Thailand

*Afternoon Session: APEC Economies' Session*

Short lectures: Developing Teacher Training Textbooks for Lesson Study

Panel Discussion

### **Important Days**

January 10, 2010

Determine speakers and APEC HRD 01/2010s Specialists invited by University of Tsukuba (As for the Tsukuba Grant).

January 22, 2010

Deadline for accepting APEC specialists supported by each economy (or self fund) to prepare accommodation

February 13, 2010

Deadline for submission of the conference paper

### **Further Information and Contact Persons**

Project Website: <http://www.criced.tsukuba.ac.jp/math/apec/>  
<http://math-info.criced.tsukuba.ac.jp/>

Newest Announcement: [http://www.criced.tsukuba.ac.jp/math/apec/apec2009/index\\_en.php](http://www.criced.tsukuba.ac.jp/math/apec/apec2009/index_en.php)

Contact Persons about the conference

General Chair: Masami Isoda (Project Overseer) [isoda@criced.tsukuba.ac.jp](mailto:isoda@criced.tsukuba.ac.jp)

Supporting Staff: Masaru Sanuki [sanuki@criced.tsukuba.ac.jp](mailto:sanuki@criced.tsukuba.ac.jp)

Mari Usami [usami@criced.tsukuba.ac.jp](mailto:usami@criced.tsukuba.ac.jp)

Administration staff for Tsukuba Grant: Mie Kominami [kominami.mie.fu@un.tsukuba.ac.jp](mailto:kominami.mie.fu@un.tsukuba.ac.jp)