NSTA/ICASE
International Conference
“Developing a World View for Science Education”

Anaheim Marriott Hotel
Anaheim, California
Thursday, April 6, 2006

WELCOME CEREMONY
8:00–8:20 AM
GRAND SALON F

7:30–8:00 AM  Coffee/Continental Breakfast

8:00–8:20 AM  Welcome & Introductions:
   Chair: Dr. Norman Lederman
   Remarks: Dr. Michael Padilla, NSTA President
   Introduce VIPs
      • Recognize Delegates (Roll Call)
      • ASE Representatives
      • ICASE Representatives
      • Others

   Conference Overview:
   Dr. Norman Lederman
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<th>Time</th>
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<td>8:20–8:25 AM</td>
<td>Introduction of Speakers: Dr. Norman Lederman</td>
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| 8:25–8:35 AM | Speaker 1: Professor Huey-Por Chang, National Changhua University of Education, Changhua, Taiwan  
"The Practice and Issues of Professional Development for Science Teachers in Taiwan" |
| 8:35–8:45 AM | Speaker 2: Professor Per-Olof Wickman, Stockholm Institute of Education, Sweden  
"Professional Development: A Swedish Perspective" |
| 8:45–8:55 AM | Speaker 3: Professor Yasushi Ogura, National Institute for Educational Policy Research, Japan  
"Knowing unknowns from other teachers: Japanese model" |
| 8:55–9:05 AM | Speaker 4: Professor Vantipa Roadrangka, Kasetsart University, Thailand  
"Thai Teacher Development Related to Education Reform" |
| 9:05–9:40 AM | Q & A                                                                                    |
| 9:40–9:45 AM | Review of Concurrent Sessions: Dr. Norman Lederman                                          |
| 9:45 AM     | BREAK                                                                                     |
This concurrent session will feature three papers from international science educators that focus on issues of teaching and learning at the elementary (K–5) grade levels.

10:00–10:10 AM  Welcome & Introductions: 
Judith Lederman, Presider

10:10–10:25 AM  Presenter(s): Hans Persson (Institute of Education Stockholm, Sweden) 
“Creativity and Variety in the Science Classroom”

10:25–10:40 AM  Presenter(s): Lynda Paznokas (Washington State University, Pullman, WA); Nicos Valanides (University of Cyprus) 
“ICASE Journals: Stepping Into Science International Quarterly & Science Education International”

10:40–10:55 AM  Presenter(s): Pattamaporn Pimthong (Kasetsart University, Chatuchak, Bangkok, Thailand); Naruemon Yutakom (Kasetsart University, Chatuchak, Bangkok, Thailand) 
“Teaching for Conceptual Change: A Case Study in Substance and Its Properties in Elementary Class”

11:00 AM  BREAK
This concurrent session will feature two papers from international science educators on issues of teaching and learning at the secondary (6–12) grade levels.

**10:00–10:10 AM**
Welcome & Introductions:
Kevin White, Presider

**10:10–10:25 AM**
Presenter(s): Joseph P. Riley (National Institute of Education, Singapore); Yap Kueh Chin, (National Institute of Education, Singapore); Toh Kok Aun (National Institute of Education, Singapore); Ikeda Hideo (Hiroshima University, Higashi-Hiroshima City, Japan)
“Comparing Elites: TIMSS Science Achievement in Japan and Singapore”

**10:25–10:40 AM**
Presenter(s): Hisaki Hitomi (Utsunomiya University, Tochigi, Japan); Naoyuki Takumi (Utsunomiya University, Tochigi, Japan)
“How did Scientists Emphasize What Science Literacy Was?”

**10:40–10:55 AM**
Presenter(s): Ma. Antonieta Garcia Ureta (La Serena, Chile)
“Gemini Observatory Public Outreach Events in Chile”

**11:00 AM**
BREAK
This concurrent session will feature three papers each from international science educators on issues of teaching and learning at the secondary (6–12) grade levels.

10:00–10:10 AM  Welcome & Introductions:
Byoung-Sug Kim, Presider

10:10–10:25 AM  Presenter(s): Taha Massalha (The Academic Arab College for Education in Israel Haifa, Israel); Rachel Abadi (Levinsky College of Education – Tel-Aviv, Tel-Aviv, Israel)
“Daytime Astronomy as a Base for Peace in the Middle East”

10:25–10:40 AM  Presenter(s): Pedro Jesus S. Orbita (University of the Philippines, Quezon City, Philippines)
“Issues and Concerns on Biology Education in the Philippines”

10:40–10:55 AM  Presenter(s): Vantipa Roadrangka (Kasetsart University, Bangkok, Thailand); Porntip Chaiso (Kasetsart University, Bangkok, Thailand); Naruemon Yutakom (Kasetsart University, Bangkok, Thailand)
“The State of Teaching and Learning Science According to the Basic Science Curriculum Reform in Thailand”

11:00 AM  BREAK
This concurrent session will feature three papers from international college level science educators focusing on teacher education and assessment.

10:00–10:10 AM  Welcome & Introductions: Norman Lederman, Presider

10:10–10:25 AM  Presenter(s): Thomas Koballa (University of Georgia, Athens, Georgia); Deborah Tippins (University of Georgia, Athens, Georgia); Pojchana Magrood-In (University of Georgia, Athens, Georgia); Sasithorn Soparat (University of Georgia, Athens, Georgia); Akarat Sreethunyoo (University of Georgia, Athens, Georgia)

“Preparing Science Education Leaders for Thailand: A Thai-US Partnership”

10:25–10:40 AM  Presenter(s): Khajornsak Buaraphan (Kasetsart University, Bangkok, Thailand); Vantipa Roadrangka (Kasetsart University, Bangkok, Thailand); Pawinee Sriskvatananan (Kasetsart University, Bangkok, Thailand); Penchantr Singh (Kasetsart University, Bangkok, Thailand)

“Preservice Physics Teacher’s Development and Implementation of Pedagogical Content Knowledge during the Teaching Practice”

10:40–10:55 AM  Presenter(s): Renata Holubova (Palacky University, Olomouc Czech Republic)

“Teaching Environmental Physics - Is this the way to motivate high school students?”

11:00 AM  BREAK
An opportunity to have focused, unrestricted interactions with your science teaching colleagues from around the world. Posters representing all grade levels and aspects of science education will be provided.

11:15–11:20 AM  Welcome & Introductions:  
Dr. Norman Lederman

11:20 AM–12:20 PM  Poster visits

12:20–12:30 PM  Closing Remarks:  
Dr. Norman Lederman  
& Dr. Michael Padilla