



THE 34th CONGRESS on SCIENCE and TECHNOLOGY of THAILAND (STT 34)

การประชุมวิชาการวิทยาศาสตร์และเทคโนโลยีแห่ง
ประเทศไทย ครั้งที่ 34 (วทท 34)



20 ปี คณะวิทยาศาสตร์ 2551
สถาบันเทคโนโลยีพระจอมเกล้า
เจ้าคุณทหารลาดกระบัง



60 ปี สมาคมวิทยาศาสตร์แห่งประเทศไทยในพระบรมราชูปถัมภ์
60th ANNIVERSARY OF THE SCIENCE SOCIETY OF THAILAND UNDER THE PATRONAGE OF HIS MAJESTY THE KING

SCIENCE AND TECHNOLOGY FOR GLOBAL CHALLENGES

วิทยาศาสตร์และเทคโนโลยีสำหรับโลกแห่งความท้าทาย

To Celebrate the 60th
Anniversary of the Science
Society of Thailand under the
Patronage of His Majesty the King

To Celebrate the 20th
Anniversary of Faculty of Science,
King Mongkut's Institute of Technology
Ladkrabang

October 31 - November 2, 2008
Venue: Queen Sirikit National Convention Center,
Bangkok, Thailand.

31 ตุลาคม - 2 พฤศจิกายน 2551
ณ ศูนย์การประชุมแห่งชาติสิริกิติ์
กรุงเทพมหานคร

Organized by :

**The Science Society of Thailand under the Patronage of His Majesty the King
In association with Faculty of Science, King Mongkut's Institute of
Technology Ladkrabang, Bangkok, Thailand.**



Premier Keynote Lecture for STT 34



Rajendra Kumar Pachauri is an economist and environmental scientist who has served as the chair of the Intergovernmental Panel on Climate Change (IPCC) since 2002. Pachauri is also the director general of the Energy and Resources Institute in New Delhi, an institution devoted to researching and promoting sustainable development. On December 10, 2007, Dr. Pachauri accepted the Nobel Peace Prize on behalf of the IPCC, along with co-recipient Al Gore.

Rajendra K. Pachauri

Born August 20, 1940, Nainital, India

Occupation Chief, Intergovernmental Panel on Climate Change

Conference Activities

The Congress will cover the following activities: The Premier Keynote Lecture by Nobel Laureate, the famous invited scientists from abroad, “Plenary lectures” by famous invited scientists from abroad and Thailand, 2008 outstanding scientist and technologist, invited and contributed papers from various areas to be presented orally or in the form of posters, panel discussions in various areas for global challenges as well as many more lectures by well-known invited speakers. Besides, you will also be invited to the presentation of the final round of the Thailand Innovation Awards for 2008, an exhibition of prize winning high school student inventions for 2008, a science forum for children and youths, and exhibition of advanced scientific and technological equipment from over a hundred well-known companies.

The 34th Congress on Science and Technology of Thailand (STT 34)

“SCIENCE AND TECHNOLOGY FOR GLOBAL CHALLENGES”

SECTION 1(A) MATH, IT AND STATISTICS

SECTION 2(B) BIOLOGICAL SCIENCE

- (B1) Biology
- (B2) Microbiology
- (B3) Genetics
- (B4) Biotechnology
- (B5) Biochemistry

SECTION 3(C) CHEMISTRY

- (C1) Analytical Chemistry
- (C2) Inorganic Chemistry
- (C3) Organic and Medicinal Chemistry
- (C4) Physical Chemistry

SECTION 4(D) PHYSICS

SECTION 5(E) MATERIALS SCIENCE

SECTION 6(F) NANOTECHNOLOGY

SECTION 7(G) AGRICULTURAL SCIENCE

SECTION 8(H) FOOD SCIENCE

SECTION 9(I) BIOMEDICAL SCIENCE

SECTION 10(J) ENVIRONMENT SCIENCE AND TECHNOLOGY

SECTION 11(K) ENGINEERING AND TECHNOLOGY

SECTION 12(L) SCIENCE AND MATH EDUCATION

SECTION 13(M) BEAUTY AND SPORT HEALTH SCIENCES

SECTION 14(N) EARTH SCIENCE

SECTION 15(O) SPECIAL SESSION

- (O1) Synchrotron Light and Applications
- (O2) Science and Technology of Thai Herbs

Instructions for Oral and Poster Presentation

Oral presentations will be 15 min with 5 min questions from the audiences. All speakers have to check and load the files before the presentation. PC-compatible computer, LCD projector and overhead projector will be provided.

Poster presentations to be posted no later than noon October 31, 2008 in the position allocated. The content of the poster should cover titles, objectives, methodology, results discussion and conclusion. The poster board size is *90 cm width x 180 cm height*.

Important Deadlines:

Submission of papers: 2 June – 31 July 2008
Early Registration: 2 June – 30 September 2008
Late Registration: After 30 September 2008
Registration Cancellation: Before 30 September 2008
(20% of registration fee will be deducted for fee-refunding)

Call for Papers

*** Abstract only (in both Thai and English) or full paper is an option.

The following format is required:

- (1) Maximum length of 6 pages for full paper (insertion of a clear figure or table is accepted)
Abstract (Thai and English) not more than 200 words
- (2) Typewritten on an A4 paper size with margins of 1 inch for all (top, bottom, left, right)
- (3) Use font **Times New Roman** 12 pts for English and Angsana New 16 pts for Thai
- (4) Paragraph style: space before 12 pts for topic and 12 pts for text; single line spacing and fully justified.

The paper topics required:

- (1) Title*
- (2) Authors * / Affiliation *
- (3) Abstract*
- (4) Introduction
- (5) Methodology
- (6) Results, Discussion and Conclusion
- (7) References
- (8) Keywords

* Must be both Thai and English for Thai participant.

The format template for paper submission can be downloaded from STT 34 website at <http://www.stt34.scisoc.or.th>

Submission of paper must be done **online only.**
Submission by facsimile/or other is not accepted.

For Full Paper as you request:

For this year, if you would like to publish your full paper in “KMITL SCIENCE JOURNAL” of Faculty of Science, King Mongkut’s Institute of Technology Ladkrabang, please visit website: http://www.kmitl.ac.th/science/sci_journal/

For more information please contact: The Organizing Committee

Chairman: Associate Professor Dr. Napavarn Noparatnaraporn
E-mail: napavarn@gmail.com *Tel:* 02-6448717, 02-5797619 *Fax:* 02-6448715, 02-5611985
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The 34th Congress on Science and Technology Thailand (STT 34)
October 31 – November 2, 2008
Queen Sirikit National Convention Center, Bangkok, Thailand

ใบลงทะเบียน วทท 34
 สำหรับเจ้าหน้าที่
 วันที่สมัคร.....
 ใบเสร็จรับเงิน.....
 รหัส.....

1. Name-Surname (Thai) _____
 (English) _____

2. Contact Faculty / Department _____ School / Group _____
 University / Institute / College _____ Bureau / Company / Organization _____
 Address _____
 Province _____ Postal Code _____ Telephone _____ Mobile _____
 Fax _____ E-mail _____

3. I would like to Attend the congress
 Submit paper Oral presentation Poster Presentation Oral or Poster Presentation

4. Paper submission

SECTION 1(A) MATH, IT AND STATISTICS
 SECTION 2(B) BIOLOGICAL SCIENCE
 (B1) Biology
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 (B4) Biotechnology
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 (O1) Synchrotron Light and Applications
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5. How have you heard about this scientific congress?

Website Newspaper
 Brochure / Leaflet Radio
 E-mail from Organizer TV
 Colleague / Friend Other.....

6. Registration Fee

Date of Registration	Member	General	Student (ID. Necessary)	Remark
Not later than 30 September 2008	1,200 (Bht.)	1,500 (Bht.)	800 (Bht.)	
After 30 September 2008	1,400 (Bht.)	1,700 (Bht.)	1,000 (Bht.)	

Methods of Payment

Money Order No _____
 Made payable to Dr. Napavarn Noparatnaraporn (ดร.นภาพรรณ นพรัตน์นารporn)
 Attention to: P.O. Box 428, Laksi, Bangkok 10210 (ตู้ ปณ. 428 ปณจ. หลักสี่ กรุงเทพฯ 10210)
 Cashier Cheque only made payable to Dr. Napavarn Noparatnaraporn
 Bank _____ Branch _____ Cheque No _____ Date of issue _____
 Bank Transfer to "Congress STT 34-35"
 Bank: TMB Bank Public Company Limited
 Branch: Kasetsart University
 Account Name: Congress STT34-35 (การประชุมวิชาการ วทท 34-35 โดยสมาคมวิทยาศาสตร์แห่งประเทศไทยในพระบรมราชูปถัมภ์)
 Savings Account No.: 069 – 2 – 38944-8
 (Please kindly fax pay-in slip to number 02-6448715 with delegate's name on the document)

Signature _____ Date _____

For more information please contact: The Organizing Committee

Chairman: Associate Professor Dr. Napavarn Noparatnaraporn
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