

SCIENTIFIC SESSION:

ENVIRONMENTAL AND GREEN CHEMISTRY (EG)

Thursday May 22, 2008

1300 - 1700 Registration

Friday, May 23, 2008

0800 - 0900 Registration

0900 - 1000 Opening Ceremony

1030 - 1130 **Plenary 1** (BANYAN HALL)

Chairperson: Prof. C. L. Gajurel

Molecular Beam Studies of Dynamics of Chemical Reactions

Nobel Laureate Professor Yuan T. Lee

Academia Sinica, Taipei, Taiwan

1130 - 1300 **LUNCH**

1450 - 1520 **COFFEE BREAK**

1520 - 1620 **Plenary 2** (BANYAN HALL)

Chairperson: Prof. T. P. Pathak

Recovery of Gold from e-Wastes by using Biomass Wastes

Katsutoshi Inoue

Saga University, Japan

1620 - 1720 **Plenary 3** (BANYAN HALL)

Chairperson: Prof. V. P. Agrawal

Chemistry for Sustainable Development

S. P. Dhoubhadel

Tribhuvan University, Kathmandu, Nepal

1730 - 2000 **WELCOME RECEPTION**

Saturday, May 24, 2008

- 0900 - 1000** **Plenary 4** **(BANYAN HALL)**
Chairperson: Prof. G. H. Michler
Nanostructure Characterization in Multilayered Polymer Systems using X-Ray Scattering Methods and Microindentation Techniques
F.J. Balta Calleja
Instituto de Estructura de la Materia, Madrid, Spain
- 1000 - 1020** **COFFEE BREAK**
- ENVIRONMENT AND GREEN CHEMISTRY (EG)**
- 1400 - 1430** Chairperson: Prof. Katsutoshi Inoue **(SAKURA HALL)**
Keynote (EG -01)
Particulate Transport as a Mediator of Climate Change Effects in the Asia-Pacific Environment
Ross Sadler
Queensland Health Forensic and Scientific Services, Australia
- 1430 - 1500** **Keynote (EG-02)**
Design of Humic-Based “Green” Chemicals and Biomaterials with Tailored Properties
Perminova I.V.
Department of Chemistry, Lomonosov Moscow State University, Moscow, Russia
- 1500 - 1520** **Invited (EG-03)**
Studies of Arsenic Mobilization with Iron, Manganese and Copper and their Mobilization in the River Padma
A. M. Shafiqul Alam
University of Dhaka, Bangladesh
- 1520 - 1540** **Invited (EG-04)**
Electrocoagulation for Wastewater Treatment
Mohammad Yousuf Ali Mollah
University of Dhaka, Bangladesh
- 1540 - 1600** **Invited (EG-05)**
Microorganisms as Possible Green Ecofriendly Nanofactories
Rashmi Sanghi
Indian Institute of Technology (IIT) Kanpur, India
- 1600 - 1610** **Oral (EG-06)**
Effects of Addition Elements on Electrocatalytic Properties of Nanocrystalline Manganese Oxide Electrodes for Oxygen Evolution from Seawater
J. Bhattarai
Central Department of Chemistry, Tribhuvan University, Nepal
- 1610 - 1620** **Oral (EG-07)**
Arsenic Contamination of Ground Water of Highly Contaminated Area in Bangladesh and its Mitigation Measure
M. N. A. Siddique
University of Dhaka, Bangladesh
- 1620 - 1630** **Oral (EG-08)**
Extractive Spectrophotometric Method for the Determination of Metribuzin Herbicide and its Application to Food Samples
Jasmin Shah
University of Peshawar, Pakistan
- 1630 - 1640** **Oral (EG-09)**
Effect of Ultrasound on Removal of Persistent Organic Pollutants (Pops) from Different Types of Soils
Reena Amatya Shrestha
University of Kuopio, Patteristonkatu Mikkeli, Finland
- 1640 - 1650** **Oral (EG-10)**
A Study on the Toxicity of the Fertilizers used in Pakistan
Fahmida Baloch
University of Sindh, Jamshoro, Pakistan

- 1600 - 1620** **COFFEE BREAK**
- 1620 - 1720** **Plenary 5** **(BANYAN HALL)**
Chairperson: Prof. F. J. Balta Calleja
Application of Zeolites as Advanced Materials
Kyung Byung Yoon
Sogang University, Seoul, Korea
- 1720 - 1735** **Structure and Activities of IUPAC**
Jung-Il Jin
President, IUPAC

Sunday May 25, 2008

- 0900 - 1000** **Plenary 6** **(BANYAN HALL)**
Chairperson: Prof. C. L. Gajurel
Challenges and Visions for Chemistry and Chemists in the 21st Century
Jung-Il Jin
Department of Chemistry, Korea University, Seoul, Korea
President, IUPAC
- 1000 - 1020** **COFFEE BREAK**
- 1230 - 1400** **LUNCH**
- 1300 - 1400** **Poster Session**

YOUNG CHEMIST AWARDEE LECTURE (YCAL)

- 1400 - 1415** Chairperson: Dr. Shiva Ram Vaidya
YCAL-1
Lead and Cadmium Contents in Organic, Hygienic and Conventional Chinese Kales
Weeraya Karnpanit
Mahidol University, Nakhon Pathom, Thailand
- 1415 - 1430** **YCAL-2**
Theoretical Studies of 1,2-Disubstituted Ethanes and their Analogues
Ponnadurai Ramasami
Department of Chemistry, University of Mauritius, Republic of Mauritius
- 1430 - 1445** **YCAL-3**
Small-Angle X-ray Scattering of Reverse Micelles in Nonaqueous System
Lok Kumar Shrestha
Yokohama National University, Tokiwadai, Yokohama, Japan
- 1400 - 1800** **Local Sight Seeing for Foreign Participants**
- 1800 - 2100** **Dinner**