



THE INSTITUTE OF MATERIALS (East Asia)

# YOUNG PERSONS' LECTURE COMPETITION SINGAPORE (YPLCS) 2007

Organised by

**The Institute of Materials (East Asia)**

## Schedules

### Preliminary

Venue: LT4, NTU

Date: 23 March 2007 (Friday)

Time: 4.00 – 6.00 pm

### Local Final Competition

Venue: Orchard Hotel

Date: 30 March 2007 (Friday)

Time: 2.00–4.00 pm

## ELIGIBILITY

**YPLCS** is open to

1. **Students\***
2. **Researchers \*\***

\* include students from junior colleges, polytechnics, universities, etc (16 years old and above) in the South East Asia region.

\*\* include postgraduate students, research fellows, and research associates from polytechnics, research institutes, universities and industries. Exclude academic staff from schools, polytechnics, colleges, universities, etc. This competition is restricted to researchers not more than 28 years old on 1 June 2007.

- Topics: MATERIALS RELATED
- Presentation: 12 min
- Q&A: 3 min
- Medium: MS PowerPoint Slides and/or Transparencies
- Visual aids: No restrictions

**Submission of a completed PARTICIPATION FORM together with a copy of your NRIC or Passport and address for communication by 20 March 2007.**

# Suggested Topics for the Lecture Competition

- Materials for Sustainable Economic Development
- Biomaterials for Tissue Engineering and Drugs Delivery
- Nanofunctional Materials (including thin films and coatings) for Microelectronics, Lasers, Communication, Displays, Data Storage ...
- Materials for Aerospace and Space Applications
- Smart Materials
- Materials for Sports
- Materials for Sensors
- Materials for Hostile Environment
- Materials for Transport
- Recent Advances and Applications in High Temperature Superconductors
- Materials for Energy Conversion
- Recycling of Materials
- Organic and Inorganic Materials for Displays
- Materials for Quantum Computing
- Cellular Materials
- Microelectronic Materials
- Dielectric Materials

Participants with interest in other types of materials not mentioned above are also very welcome to participate in the lecture competition.

## Rules and Regulations

- Open to both members of the Institute and non-members.
- **Certificate of Participation** will be given to each participant.
- **Certificate of Winner** will be awarded to the **Winner** of the **Preliminary** session.
- The **Finalist** to represent Singapore to take part in the International Final (**YPWLC 2007**) will be selected from the Local Final Competition (**YPLCS 2007**) and announced on **5 April 2007**. The decision of the Judges is final.
- The **Finalist** must take part in the **YPWLC 2007** to be held in **Singapore** on **7 August 2007**.
- In the event that the **Finalist** cannot take part in the **YPWLC 2007** in Singapore, he or she will forfeit the award.
- The award will then go to the **Runner-up** of the **YPLCS 2007**.

## PRIZES for YPLCS 2007

Following **Prizes** will be awarded to the **Finalists** to take part in the Local Final Competition (**YPLCS 2007**), who were selected from the local **Preliminary** session:

1st prize: S\$200

2nd prize: S\$150

3rd prize: S\$100

4th prize: S\$50