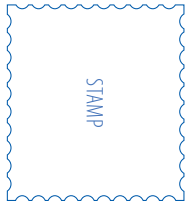


To:  
**ITSF Seminar On Science And Technology Committee**  
**INDONESIA TORAY SCIENCE FOUNDATION**  
Summitmas II, Lantai 3  
Jl. Jendral Sudirman Kav. 61-62  
Jakarta 12190, Indonesia



# ITSF SEMINAR ON SCIENCE AND TECHNOLOGY



## ITSF

Indonesia Toray Science Foundation

**Jakarta**  
**Wednesday, 08 February 2012**

Summitmas II, 3<sup>rd</sup> Floor  
Jl. Jendral Sudirman Kav. 61-62  
Jakarta 12190, Indonesia  
Tel. 021-522 0785 - 252 6841  
Fax. 021-520 2041  
Homepage: <http://www.itsf.or.id>  
E-mail: [itsf@ina.toray.co.id](mailto:itsf@ina.toray.co.id)

## ITSF SEMINAR ON SCIENCE AND TECHNOLOGY

### ITSF ESTABLISHMENT

The Indonesia Toray Science Foundation was established in 1993 through a 3 billion rupiahs endowment by Toray Industries, Inc. The foundation is registered with and recognized by the Indonesian authorities as an organization with the objective of promoting the advancement of science technology in Indonesia.

### FOUNDATION OBJECTIVE

The objective of the Foundation is to contribute to the progress of "Science and Technology" in Indonesia. "Science and Technology" will be limited to the fields of natural sciences and engineering including the environment, but not including clinical medicine and mathematics

### FOUNDATION ACTIVITIES

In order to achieve the objective, the Foundation will endeavour to undertake the following activities:

1. The awarding of The **ITSF** Science and Technology Award, to recognize outstanding achievements in Science and Technology.
2. The awarding of The **ITSF** Science and Technology Research Grant to provide to young scientist financial assistance for research in science and technology
3. The awarding of The **ITSF** Science Education Award to recognize creative and innovative contributions to effective science teaching in senior high schools.

### ITSF SEMINAR

Scientists and Technologists are invited to attend this "ITSF Seminar on Science and Technology" where research results of the **ITSF** Science and Technology Research Grants will be presented.

# ITSF SEMINAR ON SCIENCE AND TECHNOLOGY REGISTRATION FORM

The Seminar is free of charge. Lunch, snacks, as well as a certificate of attendance will be provided.

To register, please complete the following form:

1. Use ITSF Registration Form
2. Type in block letters & write your FAX number
3. Send to ITSF by FAX, as soon as possible but not later than January 20<sup>th</sup>, 2012.
4. Only fully completed form will be processed
5. On a first come first served basis officially acceptance reply from ITSF, ONLY by FAX, should be brought to the seminar.

Name : .....

Institution's Name : .....

Institutions's Address : .....

Tel: ..... Fax: .....

Mobile phone number : .....

E-mail Address : .....

Please circle ONE SESSION ONLY: **A - B - C**

## ITSF CEREMONY INVITATION

We also invite you to attend to ITSF Ceremony which will be held on **Thursday, 9 February 2012 at Shangri-La Hotel Jakarta, 9.30 AM.**

Please tick, if you wish to attend or otherwise:

Yes  No

Signed,

(.....)  
Full Name

This ITSF Seminar will be held in three concurrent sessions.

**SESSION A** : Life Sciences and Agricultural Sciences  
**SESSION B** : Physical and Engineering Sciences  
**SESSION C** : Chemistry and Chemical Engineering & Biotechnology

### SPEAKERS OF SESSION A:

1. **Azis Boing Sitanggang, S. TP., M. Sc (IPB)**  
Biotechnological Production of Glucosamine as Food Ingredient from Cell Walls of Two Indigenous Fungi
2. **Dr. rer. Nat. Catur Riani (ITB)**  
Cyclodextrin Glycosyltransferase Activity of Alkalophilic Bacillus Strain from Indonesia
3. **Dr. Yekti Asih Purwestri, M. Si (UGM)**  
Study on the Expression of Hd3a and RFT1 Two Key Genes Function as Florigen in Indonesia Local Rice (Black Rice var Cempo Ireng)
4. **Irma Isnafia Arief, S. Pt., M. Si (IPB)**  
Isolation, Purification, and Characterization Novel Plantaricin: Bacteriocin Produced by Indonesian Lactic Acid Bacteria Lactobacillus plantarum strains
5. **Lita Triratna, S. Pt (LIPI)**  
Improving Efficiency of Substrate Binding Affinity of Arabinose Isomerase by Site Directed Mutagenesis towards the Development of Antidiabetic Agents/ Functional Food

### SPEAKERS OF SESSION B:

1. **Agus Muhamad Hatta, Ph. D (ITS)**  
Singlemode-multimode-singlemode Fiber Structure Sensor for Temperature Measurement
2. **Dr. Eng. Agus Purwanto (UNS)**  
Fabrication of Tungsten Oxide Nanoparticles using Flame Assisted Spray Pyrolysis (FASP) from Aqueous Precursor for Harmful Pollutant Degradation using Sun Light Irradiation
3. **Dr. Heri Kuswanto, M. Si (ITS)**  
Development and Calibration of Weather Ensemble Forecast by Time Series Model Based as an Alternative of Numerical Weather Prediction's Ensemble

4. **Dr. rer. Nat. Muh. Aris Marfai, S. Si., M. Sc (UGM)**  
Integration Approach of Remote Sensing Technique and Geographic Information System for Risk Assessment Due to Coastal Inundation Under Enhanced Sea Level Rise
5. **Dr. Sunarso, ST., M. Eng (Pontianak State Polytechnic)**  
Study on the Role of Fluid Microstructure in Drag Reduction Phenomenon

### SPEAKERS OF SESSION C:

1. **Dodi Safari (Eijkman Institute)**  
Identification of Streptococcus pneumoniae serotypes and Detection of Specific Antipolysaccharides Antibodies in Indonesian Population
2. **Hermansyah, Ph. D (UNSRI)**  
Use the Budding Yeast Saccharomyces cerevisiae as an Anticancer Drug Discovery Tool for the Identification and Characterization of Plants Derived Natural Products with Antiproliferative Properties
3. **Marsia Gustiananda, S. Si., Ph. D (Eijkman Institute)**  
Analysis of T Cell Responses to the Epitopes Derived from the NP Protein of Influenza a Virus H5N1 in Javanese and Sundanese Population
4. **Rama Dhenni, S. Si (Mochtar Riady Institute)**  
The Use of Peripheral Blood Mononuclear Cell (PBMC) for Detection of Replicative Hepatitis C Virus (HVC) RNA and Quasispecies Diversity Measurement in Patient Undergoing Interferon-Ribavirin Therapy
5. **Tri Joko, Ph. D (UGM)**  
Response of Rhizobacterial Communities in Watermelon to Infection with Cucumber Green Mottle Mosaic Virus and Screening for Plant Growth Promotion Activities in Vitro

### Time and venue of the ITSF Seminar

Day/Date : Wednesday, 8 Februari 2012  
Time : 08.00 - 14.20  
Venue : **Gedung Balai Kartini**  
Jl. Jend. Gatot Subroto Kav. 37 Jakarta 12950  
Tel : (021) 521-3653