

## ▶ PATRONS

Dr. Girish Sahni  
Director General, CSIR & Secretary DSIR, Govt. of India  
Prof. Ashutosh Sharma  
Secretary, Dept. of Science & Technology, Govt. of India

## ▶ CONFERENCE CHAIRS

Dr. A. Ajayaghosh  
Director, CSIR-NIIST, Thiruvananthapuram, India  
Prof. Hiroyuki Nakazumi  
Osaka Prefecture University, Japan

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## ▶ DATES TO REMEMBER

Abstract Submission Begins : April 01, 2017  
Abstract Submission Ends : June 25, 2017  
Acceptance/Announcements : June 30, 2017  
Online Registration Begins : July 01, 2017  
Online Registration Ends : August 31, 2017

## ▶ REGISTRATION

Category	Early Registration	Late Registration	On-site Registration
Academic (Foreign)	\$ 300	\$ 350	\$ 400
Student (Foreign)	\$ 150	\$ 175	\$ 200
Academic (India)	₹ 8,000	₹ 10,000	₹ 12,000
Student (India)	₹ 5,000	₹ 6,000	₹ 7,000
Industry (India)	₹ 12,000	₹ 15,000	₹ 18,000

The registration can be done through either online or offline modes. In case of offline registration, the fee should be paid as DD in favour of **The Director, CSIR-NIIST (Registration-EAS8)** payable at Thiruvananthapuram along with the duly filled registration form. The registration fee comprises admission to all technical sessions, tea, lunch, dinner and the registration kit. Online registration with online payment facility is available at [www.niist.res.in/eas8](http://www.niist.res.in/eas8)

## ▶ POSTER DETAILS

- Space, pins, tape will be provided at the venue site
- Size of the poster should be ideally of 90 cm (width) x 100 cm (height)
- Poster should be legible enough to be viewed from a distance of 6 feet

## ▶ ACCOMMODATION

All the participants may directly contact the hotels for booking their accommodation well in advance. The list of hotels and details on how to book shall be made available on the symposium website by 30<sup>th</sup> May, 2017. Transportation to and from the venue will be arranged by the symposium secretariat only from these specified hotels.



# 8<sup>th</sup> East Asia Symposium on Functional Dyes and Advanced Materials

20 - 22  
September 2017



CSIR-NIIST  
Thiruvananthapuram

Organised by  
CSIR-National Institute for  
Interdisciplinary Science and Technology,  
Thiruvananthapuram



## ▶▶ ABOUT EAS8

It is our great pleasure to welcome you to the 8<sup>th</sup> East Asia Symposium on Functional Dyes and Advanced Materials (EAS8), to be held at CSIR-NIIST, Thiruvananthapuram, Kerala, India on 20-22 September 2017.

Functional dyes and related advanced materials continue to attract immense scientific interests because they form the fundamental base for many high-tech applications and products. More importantly, dye industry is one of the biggest in the Asian countries. Exchange of knowledge and information in this field is very important for researchers and enterprises to develop new materials and technologies for future applications. EAS8 will provide a platform for the interaction between pioneers, young researchers, students and entrepreneurs working in this area.

EAS8 belongs to the series of biennial symposia previously organized in Japan (2003, 2009, 2015), Taipei (2005), Korea (2007), and China (2011, 2013).

## ▶▶ THEMES

The symposium covers all aspects of Functional Dyes and related Advanced Materials. The major themes are as follows:

- Synthesis, Properties and Theory
- Display applications (Light emitting diodes, Electronic papers, etc.)
- Light harvesting and Conversion (Solar cells and related areas)
- Sensors (Fluorescent probes, colorimetric sensors for metal ions etc.)
- Security (Fluorescent, Phosphorescent, Erasable, Infrared, Optically variable and Thermochromic materials)
- Diagnostics and Therapy (Biosensors for cell imaging, Photodynamic therapy etc.)
- Intelligent coatings (Super hydrophobic, Antibacterial etc.)
- Industrial applications (Textiles, Paints, Food, Cosmetics, Polymers etc.)

## ▶▶ ABOUT CSIR-NIIST

The CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, is one of the 38 constituent Laboratories of the Council of Scientific and Industrial Research (CSIR). Its mandate is to conduct research and development activities of the highest quality in areas related to effective utilization of resources of the region and of fundamental importance to the country. CSIR-NIIST is engaged in R & D programmes in areas related to Chemical Sciences, Materials Science, Agro-Processing, Microbial Processes and Environmental Technology. The institute is internationally rated as one of the top R & D institutions in the country.

## ▶▶ ABOUT THIRUVANANTHAPURAM

Thiruvananthapuram is the capital city of Kerala and is located on the west coast of India near the extreme south of the mainland. The city, once described by Mahatma Gandhi as the "Evergreen City of India", boasts of various famous and interesting places including Padmanabhaswamy Temple and the Napier Museum. It also offers scope for international multicultural activity mix with Germany's Goethe Zentrum, France's Alliance Francaise and Russia's Gorky Bhavan centers in the city. Thiruvananthapuram is a major educational hub of the state. Major institutions include the University of Kerala, Institute of Space Science and Technology (IIST), Indian Institute of Science Education and Research (IISER), Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Rajiv Gandhi Centre for Biotechnology (RGCB), A P J Abdul Kalam Technological University (KTU) and Indira Gandhi National Open University (IGNOU).

## ▶▶ CONFERENCE SECRETARIAT

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## ▶▶ PLENARY SPEAKERS

Prof. G. D. Yadav, Vice Chancellor, ICT Mumbai, India  
Prof. Anders Hagfeldt, EPFL, Switzerland  
Prof. Shigeyuki Yagi, Osaka Prefecture University, Japan  
Prof. Ken-ichi Nakayama, Osaka University, Japan

## ▶▶ INVITED SPEAKERS

Prof. Yoshio Aso, Osaka University, Japan  
Prof. Hiroshi Imahori, Kyoto University, Japan  
Prof. Takeshi Maeda, Osaka Prefecture University, Japan  
Prof. Yasuhiro Kubota, Gifu University, Japan  
Prof. Masaki Matsui, Gifu University, Japan  
Prof. Kenji Matsuda, Kyoto University, Japan  
Dr. Hirendra N. Ghosh, INST Mohali, India  
Dr. Satish Patil, IISc Bengaluru, India  
Dr. V. G. Anand, IISER Pune, India  
Dr. M. L. P. Reddy, CSIR-NIIST, India  
Prof. R. Chandrasekhar, University of Hyderabad, India  
Dr. Subi J. George, JNCASR Bengaluru, India  
Dr. R. S. Jayasree, SCTIMST Thiruvananthapuram, India  
Prof. Haridas Pal, BARC Mumbai, India

## ▶▶ ORGANIZING COMMITTEE

Dr. Gopidas K. R. (Chairman)  
Dr. Prabhakar Rao (Co-Chairman)  
Dr. Luxmi Varma R. (Co-Chairperson)  
Dr. Radhakrishnan K. V. (Coordinator)  
Dr. Narayanan Unni K. N. (Convener)  
Dr. Vijayakumar C. Nair (Co-Convener)  
Dr. Joshy Joseph (Finance & Accounts)

## MEMBERS

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Dr. Biswapriya Deb	Mr. Ribin Jones
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