

Schedule

7th December 2012

- 09:00 Posters
- 09:30 Inaugural Session
- Opening Remarks: Toru Maekawa
 Director, Bio-Nano Electronics Research Centre, Toyo University
- Welcome Address: Her Excellency Deepa Gopalan Wadhwa
 Indian Ambassador to Japan
- Inaugural Address: Hayashi Towatari
 Executive Director, Japan Society for the Promotion of Science
- Releasing of Symposium Proceedings
 Jointly by Dr. Makoto Kobayashi and Dr. R. Chidambaram
- Felicitation: Makio Takemura, President, Toyo University
- Vote of Thanks: D. Sakthi Kumar, Chairman, Indian JSPS Alumni Association
- 10:00 **Keynote address:** CP violation and quark flavor
 Makoto Kobayashi, 2008 Nobel Prize Laureate for Physics
 (Introduction of Dr. Makoto Kobayashi by Prof. T. Maekawa)
- 10:40 **Keynote address:** Globalization of science and technology:
 India-Japan collaboration
 R. Chidambaram, Principal Scientific Advisor, Govt. of India
 (Introduction of Dr. R. Chidambaram by Dr. Sivaji)
- 11:20 Coffee Break & Poster Session
- 11:40 Introduction to the Bio-Nano Electronics Research Centre, Toyo University
 Toru Maekawa, Bio-Nano Electronics Research Centre, Toyo University
- 11:55 Introduction to the Japan-India scientific collaboration
 Chadaram Sivaji, Embassy of India Tokyo
- 12:10 Introduction to the Indian JSPS Alumni Association
 D. Sakthi Kumar, Indian JSPS Alumni Association
- 12:30 Lunch & Poster Session
- 14:00 Plenary talk: Global human resources are critical for promoting science,
 technology and innovation
 Kenji Oeda, Executive Director, RIKEN
- 14:30 Plenary talk: Nano magnetism for novel applications
 Neeraj Khare, Dept. of Physics, IIT Delhi
- 15:00 Plenary talk: Carbon nanomembranes (CNMs): Two-dimensional functional
 materials visualized by helium ion microscopy (HIM)
 Armin Gölzhäuser, Bielefeld University, Germany
- 15:30 Tea Break & Poster Session
- 16:00 Plenary talk: Challenge to applying environmentally-friendly lubrication for
 cold forging in Japan
 Kunio Hayakawa, Shizuoka University, Japan
- 16:30 Plenary talk: Toxicology of nanomaterials
 P. V. Mohanan, Head, Toxicology Division, SCTMIST, India
- 17:30 Cultural programmes (Indian Classical Dances: Bharathanatyam,
 Mohiniyattam; Japanese Programme: Japanese Bamboo Flute and Koto)
- 19:00 – 20:30 Get-together – Sky Hall, 16th Floor, No.2 Building, Toyo University

8th December 2012

09:00 Poster

09:30 **Keynote address:** Carbon nanotube: Science and applications

Sumio Iijima, Meijo University, Japan

Director, AIST/Nanotube Research Center

(Introduction of Prof. Iijima by Prof. T. Maekawa)

10:10 **Keynote address:** Polymeric prodrugs of amphotericin B and primaquine

A. Jayakrishnan, Vice Chancellor, Kerala University

(Introduction of Prof. A. Jayakrishnan by Prof. D. Sakthi Kumar)

10:50 Coffee Break & Poster Session

11:00 Plenary talk: Epigenetic alterations in epithelial tumors

K. Sathyamoorthy, Director, Biotechnology Dept., Manipal University, India

12:30 Plenary talk: Biodegradable aliphatic polyesters based on tartaric acid derivatives

Jose Mon Jacob, Centre for Polymer Science and Engineering, IIT Delhi

13:00 Lunch & Poster session

14:30 Plenary talk: Cap-shaped noble metal nanoparticles as a universal platform for various surface-enhanced spectroscopic applications

Hiroyuki Takei, Bio-Nano Electronics Research Centre, Toyo University

15:00 Plenary talk: Anticancer, radiosensitizing potential of plumbagin and juglone as free and microsphere, liposome based targeted drug delivery platforms

Satish Rao, Head Radiation and Toxicology Div., Manipal University

15:30 Plenary talk: TBD

R. Brakaspathy, Advisor/Scientist G, DST, India

16:00 Coffee Break & Poster Session

16:30 Closing Ceremony

Toru Maekawa, Chadaram Sivaji, A. Jayakrishnan, D. Sakthi Kumar