

PROGRAM

8:00-9:00 Registration

Session 1: Inaugural Session

Time		Speaker
9:00	Lighting of the Lamp	
9:05	Welcome address	Sunil Kaul , Chairman, ISAJ
9:10	Introduction	Alok Singh , Convener
9:15	Inaugural address	Her Excellency Ms. Deepa Gopalan Wadhwa , The Ambassador of India
9:25	Address	C. Sivaji , Counselor, Science & Technology, Embassy of India
9:40	Keynote address: “RIKEN's new 5-year basic plan and collaboration with Indian Institutions”	Kenji Oeda , Executive Director, RIKEN
10:10	Special lecture: International Students in Japan: Current scenario, challenges and prospects	Neelam Ramaiah , University of Tokyo
10:20	Vote of thanks	Baiju Nair , Co-convener

10:25 – 11:00 Group photo and coffee break

Session 2: Materials for Health Chair: Dr. Manish Biyani (Univ. of Tokyo)

Time	Speaker	Topic
11:00	Yoshihiro Ito , RIKEN	Bio-orthogonal and combinatorial design of functional proteins
11:20	Biju V Pillai , AIST, Takamatsu	Engineered nanomaterials: Potential agents for biological applications or potentiators of toxicity
11:40	Madoka Takai , Univ. of Tokyo	Effect of Nanoscale Phase-Separated Surface of Amphiphatic Block Copolymer on Cellular Adhesion Behaviors
12:00	Hiroshi Abe , Hokkaido Univ.	Nano-structured RNA for RNA interference
12:20	Tahei Tahara , RIKEN, Wako	My Personal History with India
12:40	Ran Gao, (P11) AIST, Tsukuba	Involvement of MicroRNAs in human cancer cells senescence
12:45	Archana Kumari, (P16), Osaka Univ.	Regulation of epidermal cell proliferation under stress conditions
12:50	Manjiri R. Kulkarni, (P21) Tokyo Univ. Agri. & Tech.	Molecular insights into the residue responsible for stereotype specificity...

12:55- 14:00 Lunch and Poster Session

14:00	K. VijayRaghavan	Special address via web by Secretary, Department of Biotechnology, Government of India
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Session 3: Materials for environment Chair: Masanobu Naito (NIMS)

Time	Speaker	Topic
14:15	Takuya Nakashima , Nara Inst. of Sci. & Tech.	Toward Highly Efficient Molecular Switch
14:35	Hideki Abe , National Institute for Materials Science (NIMS)	Intermetallic Pt ₃ Ti nanoparticles: CO-poisoning tolerant electrocatalyst for the polymer-membrane electrolyte fuel cells
14:55	C. Subramaniam , TASC/AIST, Tsukuba	Remarkable current-carrying-capacity of carbon nanotube-copper composite
15:15	Teruhiko Matsubara , Keio University	Design of peptide drug against influenza: selection of hemagglutinin-binding peptides from random peptide libraries
15:35	Jatish Kumar, (P5), NAIST, Nara	Self assembly and circularly polarized luminescence of chiral bichromophoric...
15:40	Rajesh Kodiyath, (P23), NIMS	Highly active and stable intermetallic Pt ₃ Ta nanostructure for the methanol...
15:45	Yosuke Shirai, (P32), NIMS	Catalytic activity of acid- and/or alkali-treated Ni ₃ (Al,V) atomized powder

15:50 – 16:10 Coffee break

Session 4: Materials for energy and safety Chair: Hideki Abe (NIMS)

Time	Speaker	Topic
16:10	Daisuke Fujita , NIMS	Graphene and h-BN Formed by Surface Segregation and Precipitation
16:30	Toshiji Mukai , Kobe Univ.	Grain refinement of magnesium alloys for improving mechanical performance
16:50	Asima Sultana , AIST	Mitigation of vehicular pollutants for clean environment
17:10	Arockiakumar R., (P2), NIMS	High temperature shape memory behavior of Ti-Pd-Zr-Hf alloy
17:15	Debabrata Payra, (P8), NIMS	Synthesis and studies of novel multi-functional polymer coating for...
17:20	Baozhen Jiang, (P26) NIMS	Effect of sever plastic deformation in the precipitation behavior of ... Ti5553 alloy
17:25	Yoshiaki Tanaka, (P28) U. Tokyo	TEM/STEM observation of kink- deformed microstructures in LPSO-Mg

Session 5: Panel Discussion

	The role of Indian scientists in Japan in bridging the Science & Technology between India and Japan
17:30-18:15	Moderated by: Sanjeev Sinha (Sun and Sand Advisors)
	C. Sivaji, Neelam Ramaiah, Daisuke Fujita, Tahei Tahara, Sunil Kaul.

18:15 – 18:30: **Closing & Awards**