

India -EU meeting on Nanotechnology March 21-22, 2005

Venue S.N.Bose National Center for Basic Sciences

Convenor-A.K.Raychaudhuri

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Areas

- 3.4.1.2-1 Using nature as model for new nanotechnology-based processes
- 3.4.1.3-1 Three dimensional nano-structures based on elements other than carbon
- 3.4.1.5-2 Interaction of engineered nanoparticles with the environment and the living world
- 3.4.2.1-1 Interfacial phenomena in materials
- 3.4.2.2-2 Multifunctional ceramic thin films with radically new properties
- 3.4.2.3-1 Materials by design: multifunctional organic materials
- 3.4.5.1 Basic materials and industrial process research on functional materials for fuel cells
- 3.4.5.2 Improved, energy efficient hydrogen storage systems especially for transport

Programme details

	9.30-10.00 am	10.00-11.00 am		11.00-11.30am	11.30 am-1.00pm	
21-Mar	Registration	Inauguration and short introduction by convenors from both delegations, Key persons from DST and UE	<i>Tea served on table</i>	General presentation on the European Commission - policy, the work programme, the current call, and the future perspectives	General Overview of the Indian Programme in nanosciences and materials science by Indian and EU representative	Lunch
		9.30-10.30 am	10.30-11am		11.00 am-1.00pm	
22-Mar		Area presentation on 3.4.2.2-2	Area presentation on 3.4.1.5-2	<i>Tea served on table</i>	Area presentation on 3.4.2.3-1 and 3.4.5.2	Lunch
23-Mar		Visit to laboratories in Kolkata Area 9.30 am - 4.00pm				

Session wise break up of lead speakers 21-Mar

3.4.1.2-1 Using nature as model for new nanotechnology-based processes

2pm-3pm

Chair

Dr.	Kamal	Hossein	NPL	UK
Dr.	Murali	SASTRY	National Chemical Laboratory	PUNE

3.4.1.3-1 Three dimensional nano-structures based on elements other than carbon

3pm-4pm

Chair

Mr	Thilo	Weiss	Henkel KGaA, VTN Sus Tech,	Germany
Prof.	Arup Kumar	RAYCHAUDHURI	S.N.Bose Center for Basic Sciences	KOLKATA
Dr.	G	SUNDERAJAN	Advanced Research Centre International	HYDERABAD
Prof.	Asutosh	SHARMA	Indian Institute Technology	KANPUR

3.4.5.1 Basic materials and industrial process research on functional materials for fuel cells

4.30pm-5.30pm

Chair

Prof .	Jurgen	Caro	University of Hanover	Germany
Dr.	A	Auluck	Bharat Heavy Electrical Limited	HYDERABAD
Dr.	R.N.	Basu	Central Glass and Ceramic Research Institute	KOLKATA

3.4.2.1-1 Interfacial phenomena in materials

4.30pm-5.30pm

Chair

Dr	Solveig	Roschier	Eureco Oy	Finland
Prof.	Atul	Choksi	Indian Institute of Science	BANGALORE
Professor	I	SAMAJDAR	Indian Institute Technology	MUMBAI

22-Mar

9.30 am-10.30 am

3.4.2.2-2 Multifunctional ceramic thin films with radically new properties

Prof .	Jurgen	Caro	University of Hanover	Germany
Dr.	H.S	MAITY	Central Glass and Ceramic Research Institute	KOLKATA

10.30 am-11 am

3.4.1.5-2 Interaction of engineered nanoparticles with the environment and the living world Chair

Dr	Solveig	Roschier	Eureco Oy	Finland
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11am-12 noon

3.4.2.3-1 Materials by design: multifunctional organic materials

Chair

Dr	Simon	Woodward	University of Nottingham	UK
Prof.	Amlan	PAL	Indian Association for Cultivation of Science	KOLKATA
Prof.	Amitava	Sarkar	Indian Association for Cultivation of Science	KOLKATA

12 noon-1.00 pm

3.4.5.2 Improved, energy efficient hydrogen storage systems especially for transport

Chair

Prof	Cors	Peters	Delft University of Technology	Netherlands
Prof.	O.N	SRIVATAVA	Benaras Hindu University	VARANASI

2.00pm-
4.00pm

Area presentation
on 3.4.1.2-1 and
3.4.1.3-1

Tea

4.30pm-6.30pm

Area presentation on
3.4.1.5-1 and 3.4.2.1-
1

2.00pm-
4.30pm

Discussions by
individual groups
on project
formation

Tea served on
table

4.30pm-6.30pm

Round table on
action plans