



Alexander von Humboldt
Stiftung/Foundation

per: 06/11/2008

Colloquium for Humboldt Fellows and Awardees in the Engineering Sciences in India

"Engineering Sciences in India and Germany: University versus Industry – Cooperation or Competition?"

New Delhi / INDIA
31 October – 2 November, 2008
(Hotel Hyatt Regency)

P R O G R A M M E

Friday, 31 October, 2008

04.00 pm Inauguration Ceremony

Prof. Dr. Helmut Schwarz
President of the Alexander von Humboldt Foundation

Welcome Addresses:

Mr. Y. P. Kumar
Head, International S&T Cooperation
Department of Science and Technology, New Delhi

H.E. Bernd Mützelburg
Ambassador of the Federal Republic of Germany to India

Keynote Lectures:

"Academia and Industry: Is it Cooperation, Competition or Cooperation?"

Prof. Dr. K.A. Padmanabhan, Chennai

"Industry and Academia - Worlds Apart?"

Dr. Dirk-Meints Polter, Fraunhofer Society, Munich

- 07.00 pm *Bus Transfer from Hotel Hyatt Regency to German Embassy*
- 07.30 pm Reception
on Invitation of the Ambassador of the Federal Republic of Germany
H.E. Bernd Mützelburg
- 09.30 pm *Bus Transfer from German Embassy to Hotel Hyatt Regency*

Saturday, 1 November, 2008

- 09.00 am Workshops
- Introductory Lectures of Workshop Chairmen,
followed by an introduction of participants
1. Mechanics / Fluid Dynamics
*"Modern Turbulence Research: a Close Interaction between
Applied Analysis and Numerics"*
Prof. Dr. Martin Oberlack, Darmstadt
 2. Materials Science / Metals Physics
"Non-Destructive Materials Characterization"
Prof. Dr. Walter Arnold, Saarbruecken
 3. Mechanical Engineering/ Process Engineering
"Formulation of particles by drying processes"
Prof. Dr. Evangelos Tsotsas, Magdeburg
 4. Electrical, Electronic and Communications Engineering
"Trends in Semiconductor Interfacing to Life Sciences and Chemistry"
Prof. Dr. Theodor Doll, Mainz
- 10.30 am Coffee Break and Poster Session
- 11.00 am Continuation of Workshops:
Scientific Reports by Humboldt Alumni
(detailed list see annex)
- 12.30 am Lunch
- 02.30 pm *"The Sponsorship Programmes of the Alexander von Humboldt Foundation"*
Dr. Klaus Manderla, Alexander von Humboldt Foundation, Bonn

- 03.00 pm
– 03.30 pm Coffee Break
- 03.30 pm Continuation of Workshops:
- 05.30 pm Discussion on "University versus Industry – Cooperation or Competition?"
- 07.00 pm Classical Indian Dance Performance
Award for the Best Poster
Dinner

Sunday, 2 November, 2008

Plenary Lectures:

- 09.30 am *"Engineering Research in Fluid Mechanics –
are there common goals and methods in Industry and Academia?"*
Prof. Dr. Martin Oberlack, Darmstadt
- 10.00 am *"Numeracy or Literacy?
Rediscovering the Lost Tools of Learning"*
Prof. Dr. Balasundaram Subramanian, New Delhi
- 10.30 am Coffee Break
- 10.45 Plenary Session on "University versus Industry – Cooperation or Competition?"
- 12.00 am (with reports from the workshops)
Chair: Professor Dr. Helmut Schwarz
President of the Alexander von Humboldt Foundation
Panel: N.N.
- 12.30 am Lunch
- End of the Conference

Annex to the programme

Scientific Reports of Humboldt Alumni (1 November, 11.00 – 12.30)

Workshop 1 - Mechanics / Fluid Dynamics

Workshop 2 - Materials Science / Metals Physics

Workshop 3 - Mechanical Engineering/ Process Engineering

Workshop 4 - Electrical, Electronic and Communications Engineering