

We, the Organizing Committee, invite you cordially to register and attend the above mentioned Conference being planned in Hamburg on the 7th April, 2022. Registration is free but mandatory to participate at the Conference. Restrictions due to Covid-19 apply, as admission to the conference hall is based on prevalent vaccination requirements and **only first fifty** registrants will be admitted.

ORGANIZERS

Two Co-Organizers, one from Germany and one from India, will be responsible to develop the Concept, Faculty, Speakers, Scientific Program, and to publish the proceedings as a book.

PD Dr.-Ing. habil. Dirk Weichgrebe
Institute for Sanitary Engineering and Waste Management
Gottfried Wilhelm Leibniz Universität Hannover
Welfengarten 1, 30167 Hannover, Germany

and

Dr. Babu Ambat, Executive Director
Centre for Environment and Development
Thozhuvancode, Vattiyookavu P.O., Thiruvananthapuram-695013, India
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OPERATIONAL MANAGEMENT OF THE CONFERENCE AND CONTACT

Hanseatic India Forum e. V., Hamburg
Contact Person:
Dr. Amal Mukhopadhyay
Chairman of the Board
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LOCATION OF THE CONFERENCE

Auditorium of the Consulate General of India in Hamburg,
Kohlhöfen 21, 20355 Hamburg

The Conference is being planned as an „in presence“ event. However, online access (Hybrid mode), will also be available. Registration is mandatory for online participants as well.

REGISTRATION

Registration to participate will be without cost but registration will be mandatory to enter the Conference hall. For Registration please send an E-Mail to vorstand@hif-hamburg.de.



12th Hanseatic India Colloquium

“Solid Waste Management:
an Indo-German Dialogue”

Hamburg, 7th April, 2022, 9:30h – 17:00h



Consulate General of India
Hamburg

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12th Hanseatic India Colloquium "Solid Waste Management: an Indo-German Dialogue"

Hamburg, 7th April, 2022, 9:30 h – 17:00 h (CET) , 1:00 pm-8:30 pm (IST)

Both On-line and in Presence Conference (hybrid)

Auditorium, Consulate General of India, Kohlhöfen 21, 20355 Hamburg, Germany

Program

09:30 h – 10:00 h

Registration

10:00 h – 10:30 h

OPENING SESSION

Words of Greetings by **John Ruolngul**, General Consul of India, Hamburg, Germany

Welcome Address by **Julie-Ann Tai Shiraishi**, Senate Chancellery, State Office, Department International Cooperation, Hamburg

Indrajit Ghosh, Chairman, MSME Chamber of Commerce and Industry of India, New Delhi, India
MSME Role of Recycling and Waste Management Development in India and its future

10:30 h – 12:00 h

PLENARY SESSION

Chair: **Dr. Amal Mukhopadhyay**, Chairman, Hanseatic India Forum e.V., Hamburg

PD Dr. Ing. habil. Dirk Weichgrebe, Associate Professor, Institute for Sanitary Engineering and Waste Management, Gottfried Wilhelm Leibniz Universität Hannover, Germany
SMART city concepts for treatment of and resource recovery from municipal organic waste - Experiences from IGSTC 2+2 projects

Dr. Babu Ambat, Director, Center for Environment and Development (CED), Thiruvananthapuram, India and **Thrikkaniyur Ananthanarayanan Jayanthi**, Scientist Biotechnology, Center for Environment and Development (CED), Thiruvananthapuram, India

Integrated solid waste management : Issues, challenges and opportunities – an Indian experience

Prof. Dr. Ing. Jörg Rainer Nönnig, Hafen City University, Hamburg, Germany
Digital Modelling of SWM for the Indian Urban Development Context

12:30 h – 13:00 h

SESSION RECYCLING AND UPCYCLING OF WASTES

Chair: **Dr. Souvik Chakrabarty**, Technical University Clausthal, Clausthal-Zellerfeld, Germany

Fabian Schott, M.Sc., Assistance to the CEO at SRH, Stadtreinigung Hamburg, Germany
Challenges and perspectives for a sustainable and carbon neutral circular economy in Hamburg – Stadtreinigung Hamburg

Ronobir Roy, General Manager, Arcelormittal Recycling, Esch Sur Alzette, Luxembourg
Steel Scrap - Green with potential of Endless Recycling

Amita Deshpande, CEO and Founder, reCharkha EcoSocial, Pune, Maharashtra, India
reCharkha EcoSocial : A small drop in the Ocean! - An experiment in upcycling

13:00 h - 14:00 LUNCH BREAK

14:00 h – 15:30 h

SESSION CIRCULARITY IN WASTE MANAGEMENT

Chair: **PD Dr. Ing. habil. Dirk Weichgrebe**, Hafen City University, Hamburg

Dipl.-Ing. Helmut Muche, Consultant, Strategic Infrastructure Business Consultancy Services GmbH, Lemgo, Germany
BIOGAS : Renewable energy with many opportunities, Focus on waste and biomethane

Aparna Kapoor, Cofounder and Co-Owner, SFC Environmental Technologies, Navi Mumbai, India
Bio methanation of Municipal Solid Waste at our Goa Garbage treatment facility

Dr. Souvik Chakraborty, Group Leader, Institut für Polymerwerkstoffe und Kunststofftechnik, Technical University Clausthal, Clausthal-Zellerfeld, Germany
Towards a closed loop recycling of CFRP within circularity concept processed with a novel thermoplastic matrix

Shivali Sugand, International Solid Waste Management Consultant, Center for Environment and Development, Roorkee, India
Food waste management: Experiences from Germany applicable in Indian scenario

15:30 h - 16:00 COFFEE BREAK

16:00 h – 17:00 h

SESSION WATER AND ENVIRONMENT

Chair: **Fabian Schott, M.Sc.**, Stadtreinigung Hamburg

Dr. Ajit S. Gokhale, Owner, Natural Solutions, Dombivli, India
Enlivening Many Birds by Removing Stones : Rejuvenation of Mountain Rivers

Sanchita Khandelwal, Project Engineer, Aqua & Waste International GmbH, Hannover, Germany
Wastewater: Solutions from German-India Partnerships

Closing Remarks