



WEBINAR

on

ADVANCEMENTS IN MICROPOROUS MEMBRANE MATERIALS FOR ENHANCED CO₂ SEPARATION

on the occasion of

FOUNDATION DAY



INDIAN MEMBRANE SOCIETY

under the auspices of

*Centre of Excellence on Membrane Technologies for
Desalination, Brine Management, and Water Recycling*

DeSaltM

24th APRIL, 2024



Convener

**Prof. Swatantra P. Singh,
Indian Institute of Technology Bombay, India**

Organized by

**Environmental Science and Engineering Department
&
Indian Membrane Society**

ABOUT THE WEBINAR

Environmental Science and Engineering Department (ESED, formerly CESE), IIT Bombay is organising a webinar on the occasion of Indian Membrane Society (IMS) foundation day. On course of this webinar participants will engage in discussions and interactive sessions from industries and academia, to gain a deepened understanding, inspiring revolutionary advancements in desalination, wastewater and water treatment.

INVITED SPEAKERS

Title Talk: Advancements in Microporous Membrane Materials for Enhanced CO₂ separation



Prof. Elena Tocci

Prof. Elena Tocci is a Senior Researcher at the CNR Institute on Membrane Technology in Rende (CS), Italy, since 2001. She is also the president of European Membranes Society (EMS). She is an expert in computational chemistry and holds a Ph.D. in Chemical and New Materials Technologies from the University of Calabria.

Prof. Tocci has interests in MD simulations for membranes, transport modelling for RO and gas separation. She has made significant contributions to the field, including over 130 presentations as an invited and keynote lecturer at national and international conferences, workshops, and congresses. She is also a co-author of more than 80 peer-reviewed scientific papers and chapters in international journals and books. Additionally, she serves as a reviewer for international ISI journals and co-edits Special Issues.

11:30 AM to 12:30 PM Indian Standard Time (IST)

Or

6:00 AM to 7:00 AM Coordinated Universal Time (UTC)



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Indian Membrane Society (IMS) is a registered society of scientists, academicians, technologists, consultants and engineers from India and abroad engaged in the field of membranes. It was formed by membranologists in 1986 with a view to providing a forum for stimulating research and disseminating information on science, technology and application of membranes and membrane separation processes.

Indian Institute of Technology Bombay (IITB) established in 1958, is an 'Institute of Eminence', recognized worldwide as a leader in the field of engineering education and research. It offers higher education in various branches of Applied Sciences and Engineering.

IMS OFFICE BEARERS

- ❖ Prof. C. N. Murthy (President)
- ❖ Prof. S. V. Satyanarayana (Vice President)
- ❖ Dr. Swatantra Pratap Singh (Secretary)
- ❖ Dr. Tina Chakrabarty (Joint Secretary)
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