



Institute on Membrane
Technology
National Research Council of Italy

ITM INTERNATIONAL MEMBRANE WEBINARS 2021

A series of lectures
given by academic and industrial
top-players of the membrane community

PROGRAM

24th March 2021	POLYMERIC MEMBRANE PREPARATION
09:00 - 09:10	Introduction to the ITM International Membrane Webinars <i>Dr. Alberto Figoli. (CNR-ITM Director)</i>
<i>Moderators: Dr. Alberto Figoli; Dr. Annarosa Gugliuzza</i>	
09:10 - 09:50	Specialty Polymers for Membrane Applications <i>Dr. Emanuele DI NICOLO'</i> <i>SOLVAY SPECIALTY POLYMER, Bollate (MI), Italy</i>
09:50 - 10:30	Temperature and Diffusion Induced Phase Separation: from Amorphous to Semi-crystalline Polymeric Membranes <i>Prof. Tao He</i> <i>Shanghai Advanced Research Institute (SARI), Shanghai, China</i>
27^h April 2021	MEMBRANE REACTORS
09:00 - 09:10	<i>Moderators: Dr. Giuseppe Barbieri, Dr. Adele Brunetti</i>
09:10 - 09:50	Membranes and Membrane reactors <i>Prof. Fausto GALLUCCI</i> <i>Eindhoven University of Technology, Eindhoven, The Netherlands</i>
09:50 - 10:30	Industrial perspectives of membrane reactors in the energy sector <i>Dr. Camel Makhloufi</i> <i>ENGIE Lab CRIGEN/ H2 Lab, Stains, France</i>
19^h May 2021	MEMBRANES IN FOOD AND BEVERAGE APPLICATION
09:00 - 09:10	<i>Moderators: Dr. Alfredo Cassano, Dr. Carmela Conidi</i>
09:10 - 09:50	Overview and outlook on membranes, modules and applications in the food and beverage industry <i>Prof. Frank Lipniski,</i> <i>Lund University, Lund, Sweden</i>
09:50 - 10:30	Membrane applications in protein processing <i>Dr. Aurelié Dupuy</i> <i>ALFA LAVAL, Lund, Sweden</i>

24th June 2021	GAS SEPARATION MEMBRANE
09:00 - 09:10	<i>Moderators: Dr. John C. Jansen, Dr. Alessio Fuoco</i>
09:10 - 09:50	Next-generation composite membranes for efficient gas separation <i>Prof. Karel Friess</i> <i>University of Chemistry and Technology Prague, Czech Republic</i>
09:50 - 10:30	Transferring Advanced Materials to Membrane Products: An Industrial Perspective <i>Dr. Kah Peng Lee</i> <i>EVONIK, Schörfing, Austria</i>
28th - July 2021	WATER CHANNELS IN MEMBRANE
09:00 - 09:10	<i>Moderators: Dr. Lidietta Giorno, Dr. Emma Piacentini</i>
09:10 - 09:50	Aquaporin Inside Forward Osmosis and Reverse Osmosis Membranes <i>Dr. Mads Friis Andersen</i> <i>AQUAPORIN, Kongens Lyngby, Denmark</i>
09:50 - 10:30	Artificial Water Channels-toward Biomimetic Membranes for Desalination <i>Prof. Mihail Barboiu</i> <i>Istitutut Europeen des Membranes, Montpellier, France</i>
8th October 2021	BIOMEDICAL IN MEMBRANE SCIENCE
09:00 - 09:10	<i>Moderators: Dr. Loredana De Bartolo, Dr. Simona Salerno</i>
09:10 - 09:50	What's cooking? News from the membrane kitchen <i>Prof. Matthias Wessling</i> <i>RWTH Aachen University, Germany</i>
09:50 - 10:30	CO₂ removal from blood by membranes <i>Dr. Bernd Krause</i> <i>BAXTER, Germany</i>

27th October 2021	INDUSTRIAL MEMBRANE AND MODULE FABRICATION
09:00 - 09:10	<i>Moderators: Dr. Gianluca Di Profio , Dr. Catia Algieri</i>
09:10 - 09:50	Membrane Fabrication and Industrial Production <i>Dr. Choongkyun Yeom</i> <i>SepraTek Inc., Daejeon, South Korea</i>
09:50 - 10:30	Membrane Module Fabrication <i>Dr. Krzysztof Trzaskus</i> <i>ME-SEP, Cracow, Poland</i>
24th November 2021	Membrane Contactors Applications
09:00 - 09:10	<i>Moderators: Dr. Alessandra Criscuoli, Dr. Francesca Macedonio</i>
09:10 - 09:50	Progresses in membrane distillation, membrane assisted cristallizers and in membrane assisted condensers <i>Prof. Enrico Drioli</i> <i>Institute on Membrane Technology (CNR-ITM), Rende, Italy</i>
09:50 - 10:30	Still to be defined <i>Dr. Aapo Saask</i> <i>SCARAB DEVELOPMENT, Stockholm, Sweeden</i>

For registration, send an email to: itmwebinars@itm.cnr.it

Organised by CNR-ITM

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