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June 10-12, 2009
MINNEAPOLIS
AIRPORT MARRIOTT
Bloomington, MN

Bringing the LATEST Technologies & Applications to you!

For a Limited Time -
Register 3 or More
and Get 15% Off
All 3 registrations!

Short Course

Wednesday, June 10

- 8:00 - 9:00 AM Understanding of Membrane Technology: Chemistry, Process Development and Conditions
- 9:00 - 9:30 AM Membrane Filtration Design and Control: Pilot Plant to Commercialization
- 9:30 - 10:00 AM Critical Parameters in Using Membrane Technology in Milk and Dairy Applications
- 10:00 - 10:30 AM Review Membrane Modules and Systems
- 11:00 - 11:30 AM How to Perform Pilot Testing and Applications
- 11:30 - 12:00 PM An Inorganic Tubular Membrane for Demanding Applications
- 1:30 - 2:00 PM Electrodialysis: Principles and Applications
- 2:00 - 2:30 PM Membrane Process Development for Waste Streams
- 2:30 - 3:00 PM Mining Milk for Valuable Components using SmartFlow™ Filtration
- 3:30 - 4:00 PM Caustic/Acid/Solvent Stable Ultrafiltration and Nanofiltration Membranes
- 4:00 - 4:30 PM How to Develop Cleaning Program for New Membrane Applications
- 4:30 - 5:00 PM Distribution and Selection Case Study/Problems for the Attendees and Study Groups Working with Instructors

Thursday, June 11

- 8:30 - 9:00 AM Team Reports on Case Studies / Plant Trouble Shooting
- 9:00 - 9:30 AM Membrane Bioreactors with Reinforced Fiber and Its Applications
- 9:30 - 10:30 AM How to Prevent Fouling and Fundamentals of Membrane Cleaning
- 11:00 - 11:15 AM The Use of Microfiltration for Production of ESL Milk
- 11:15 - 11:30 AM Total Protein and Casein Standardization of Cheese Milk
- 11:30 - 12:00 PM Tubular Polymer Membrane Technology: Antioxidant Manufacturing, Juice Clarification and Concentration and Waste Water from Pharmaceutical Manufacturing
- 1:30 - 2:00 PM New Membrane Products for the Beverage and Food Industry
- 2:00 - 2:30 PM UV and Ozone Disinfection Technologies for Membrane Systems Used in Water Treatment and Food Related Processes
- 2:30 - 3:00 PM Ethanol Filtration and Produce Waste Water
- 3:00 - 3:30 PM New Nanofiltration Membrane for High Temperature/ High pH Performance Applications
- 4:00 - 4:30 PM New Energy Saving and Efficient Membrane Technologies from GE
- 4:30 - 5:00 PM Membrane Test on Separation of Casein and Whey Protein

Friday, June 12

- 7:45 - 1:00 PM GE Water & Process Technologies and GEA Visit/Tour

**tour is an additional fee*

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