

EMS Academy – Membrane processes for food and biotech industry: Principles, membranes, applications and design

6. – 7. April 2019 – Båstad - Sweden

Day 1

09:00 Registration

10:00 Welcome with coffee

10:15 Introduction to membrane processes with focus on pressure-driven processes

12:00 Lunch

13:30 Membranes

15:00 Coffee

15:30 Membrane applications: Dairy industry

16:30 Membrane applications: Other food industries

17:30 Membrane fouling and cleaning

18:00 End of first day

19:00 Dinner

Day 2

8:30 Processes design and membrane modules including a spiral autopsy

10:00 Coffee Break

10:30 Plant economics and how to design a membrane plant including an exercise

12:00 Lunch

13:00 Membrane applications: Biotechnology

14:00 Membrane applications: Biorefineries

15:00 Coffee break

15:30 Electro-driven membrane processes

16:15 Emerging membrane processes including forward osmosis, membrane contactors and pervaporation

17:00 Summing-up and outlook (incl. evaluation)