



## PRELIMINARY Programme – GS Margarine Seminar 2022

### TUESDAY, 6 SEPTEMBER 2022

- 07.45 Pick-up at the hotel by bus
- 08.30 Welcome with practical information  
Brief company and personal introduction made by each participant
- 09.00 Introduction to SPX FLOW
- 09.30 Oils and fats by Cargill
- 10.30 Coffee break
- 10:45 Crystallisation and processing technology
- 11.45 Lunch
- 12.30 Energy savings in margarine production, using CO2 as refrigerant
- 13.30 Product demo 1  
Group 1: Trouble shooting in relation to optimal product quality  
Group 2: Puff pastry margarine trials
- 15.00 Coffee break
- 15.15 Group switch
- 16.30 End of seminar day and transportation back to the hotel
- 18.15 Pick-up at the hotel for dinner organized by SPX Flow

### WEDNESDAY, 7 SEPTEMBER 2022

- 07.45 Pick-up at the hotel by bus
- 08.30 Product demo 2 +3  
20 % spread  
50 % butter spread by inversion technology
- 10.30 GS Product programme
- 11.30 Lunch
- 12.30 3-MCPD and GE in oil used for Margarine industry by Texas A&M University
- 13.15 Product demo 4 + 5  
80 % cake and cream margarine  
Shortening with nitrogen
- 15.00 Production of low SAFA products by Palsgaard
- 16.00 Bag in Box Filling machine by Pattyn
- 17.00 End of seminar day and transportation back to the hotel



## THURSDAY, 8 SEPTEMBER 2022

- 07.45 Pick-up at the hotel by bus  
08.30 Natural colors for margarine and Spreads by Chr. Hansen  
09.30 Evaluation of samples (Demo 2-5)  
Analytic equipment in the lab  
Keeping good quality for Margarine and spreads  
12.00 Lunch  
12.45 Group picture  
13.00 Antioxidants and natural extracts by Dupont  
14.00 Hydrocolloids and stabilizers by Dupont  
15.00 Emulsions and emulsifiers by Dupont  
15.45 End of seminar day and transportation back to the hotel  
17:45 Surprise, departure from hotel  
19.15 Dinner organised by SPX FLOW

## FRIDAY, 9 SEPTEMBER 2022

- 08.15 Pick-up at the hotel by bus  
09.00 Enzymatic interesterification by Novozymes  
10.00 Coffee break  
10.15 NIR process control and process evaluation by Q-Interline  
11.15 Group 1: Baking test  
Group 2: Evaluation of puff pastry margarine (Demo 1)  
12.15 Lunch  
13.00 Wrap up session:
  - Up scaling from pilot plant to production
  - Technology wrap up  
14.00 End of seminar and transportation to Hotel and then to the airport