**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