# StarchWorld Middle East

18-19 Sept 2018 / Dubai Grand Millennium Dubai

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شركة الشرق الأوسط لحلول الأغذية Middle East Food Solutions Company

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Post Conference - Optional & Separately Bookable Workshop

September 19<sup>th</sup> | 13:30-17:30

# Starch Modification Technology and the Clean Label Challenge

# Dr. Michael Radeloff

Senior Tutor Technology Training Courses

A carbohydrate chemist from Hamburg University. He held several international management positions in the starch industry in R&D, Product Development and Marketing. Michael is currently the Senior Tutor for Technolgy Training Courses, a specialist training organisation providing in depth technical courses for industry both on line and in house. He also owns and runs a successful consultancy, Thales Consult, specializing in renewable agricultural raw materials, their derivatives and applications.

# 13:30 Clean Label Starches

- Why to modify starch?
- The legal framework of food starch modification
- · Physical starch modifications (pregelatinization, hydrothermal treatment)
- Enzymatic starch modification
- · Key characteristics of physically / enzymatically modified starches
- 15:15 Coffee Break

#### Chemical starch modification 15:45 (starch thinning, starch esters, starch ethers)

- · Key characteristics of chemically modified starches
- Chemical starch modification technology (slurry modification, Semi-Dry and Dry Modification)
- 17:30 End of Workshop

# Day One - Tuesday, September 18th

- 08:00 Registration
- 09:00 Morning Chairman's Introduction Jens Buller, Head of the Department of Starch Modification/ Molecular Properties Fraunhofer-Institut für Angewandte Polymerforschung IAP
- 09:05 Outlook for End Use Markets for Starch in the MENA Region
  - World market growth and MENA's position in relation to this
  - Outlook for food, paper, textile and drilling

Simon Bentley, Managing Director Commoditia Ltd

- 09:45 MEFSCO's Business Update and Future Plans for Sweeteners and Starches Ziyad Al-Sheikh, President **MEFSCO - Middle East Food Solutions** Company (Arasco/Cargill JV)
- 10:15 Discussion followed by Morning Coffee
- 10:45 Industrial Dextrins and Adhesives from Modified Starch Dr. Satyajit Karandikar, Director Karandikars Cashell Private Limited
- 11:15 Soluble Fibres to Reduce Sugar & Calories Frank Sarracino, Technical Service Manager Food & Beverage Solutions Tate & Lyle PLC (HQ)
- 11:45 Cost Saving and Yield Improvement Opportunities in Corn Wet Milling and **Sweetener Refinery Processes** Ibrahim Yalgin, Plant Manager AK Nisasta Sanayi Ve Ticaret A.S.
- 12:25 Discussion followed by Lunch

- 14:05 Afternoon Chairman's Introduction Harun Uluyol, Managing Director Agro Anatolia Gida ve Tarim San Tic. A.S.
- 14:10 Structure and Functional Properties of Sorghum Starches & its Application in the Region
  - Production of glucose syrup from sorghum starch
  - Sorghum starch microcapsulation Dr. Nadia Boudries-Kaci, Research Professor Ecole Normale Supérieure de Kouba
- 14:40 Potato Starch as a Biobased Solution for **Paints, Coatings & Varnishes**

Jens Buller, Head of the Department of Starch Modification/ Molecular Properties Fraunhofer-Institut für Angewandte Polymerforschung IAP

- 15:10 Discussion followed by Afternoon Tea
- 15:45 India's First Potato Starch Project from **Concept to Commissioning** Rohit Bhandari, Consultant Dynamic Agri & Foodbiz Consultants Pvt. Ltd.
- 16:15 Potato Starch and Growing Market **Applications in India** 
  - Future plans on diversifying to modified starches Bharat Gothi, CEO & Founder Stagot Potatoes Products LLP
- 16:50 Discussion. End of Day One

Per Person Fee for Conference: (USD) Regular Fee for 1 1395.00 Group Fee for 3 or more 1195.00

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# 3 Ways To Register

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# Day Two - Wednesday, September 19th

09:00 Chairman's Remarks Simon Bentley, Managing Director Commoditia Ltd

### 09:05 Modified starch in Egypt

- Introduction to NAEEM Holding
- Current Project Updates of Arab Sweeteners
- Starch Market in Egypt
- Modified Starch VS Native starch Bassem Barakat, Managing Director Arab Sweeteners Company (ASC)

# 09:40 Sugar Reduction in Beverages Formulation -**Technical Challenges**

Dr. Emad Yaseen Research & Development Director Al-Rabie Saudi Foods Co.Ltd.

## 10:10 MEFSCO's Technical & R&D Capabilities

Dr. Fady Elassaad, VP – Business Development and Technical Services MEFSCO - Middle East Food Solutions Company (Arasco/Cargill JV)

- 10:30 Discussion followed by Morning Coffee
- Importing Tapioca from Thailand and its **Properties in Feed**

Harun Uluyol, Managing Director Agro Anatolia Gida ve Tarim San Tic. A.S.

### 11:40 Use of Tapioca at Turkish Compound Feed Industry

Serkan Kavikci Raw Materials Purchasing Manager Matli Yem Sanayi Ve Ticaret A.S

- 12:10 Final Discussion, End of Conference
- 12:30 Closing Lunch

Program details published herein are confirmed as at 20/09/2018. Please visit http://www.cmtevents.com/main.aspx?ev=180913 for latest information on speakers & topics.

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