Programme

Monday, 18 May 2009

14 h  Opening
14 h 10  Plenary Lecture
A. Markusse: Current developments in the European sugar market with a focus on the Netherlands

Beet Quality

15 h  Paper 1
T. Huijbregts: Decrease of beet quality during storage in clamp and field

15 h 25  Paper 2
M. Bruhns: Influence of long term storage on processing characteristics of sugarbeets

15 h 50  Coffee

16 h 20  Paper 3
J. Struijs; M. Jaspers; M. v. Dijk: Processing deteriorated beets

16 h 45  Paper 4
T. Schwarz; Ch. Richard: Biotech in sugarbeet and sugarcane: Current status

17 h 10  End Session 1

Tuesday 19 May

Energy

9 h  Paper 5
Invited Lecture
J. Joseph: Development of energy costs

9 h 40  Paper 6
J. Raap; R. Hering; M. de Vries: Energy optimization by improving water treatment
10 h 05  Paper 7
ESST / M. Bruhns; Energy demand for thick juice processing

10 h 30  Coffee Break

11 h   Paper 8
T. Frankenfeld: Optimized standard of sugar manufacturing

11 h 25  Paper 9
T. Boch Andersen: Separation of water through gas hydrate

11 h 50  Paper 10
A. Dolls: Reconsidering vapour compression for sugar crystallization

12 h 15  Lunch

**Sustainability**

14 h   Paper 11
P. Rein: The development of sustainability standards in the sugar industry

14 h 25  Paper 12
I. Klenk: European bioethanol from cereals and sugarbeet from an ecological viewpoint

14 h 50  Paper 13
B. Märländer: Sustainable sugarbeet production: Current challenges and future prospects

15 h 15  Coffee Break

15 h 45  Paper 14
W. Corré: Bioethanol: sugar beet, sugar cane or second generation?

16 h 10  Paper 15
C. Hoffmann, N. Stockfisch: Sustainable sugarbeet production – resource efficiency and yield potential

16 h 35  Paper 16
P. Christodoulou; V. Katzantzi; S. Bezergianni; E. Koukios: The sustainability of beet sugar production in comparison with other sugar crops

17 h 00  End of Session 3
**Wednesday 20 May**

9 h    VDZ-Hauptversammlung

**Technology**

10 h    Paper 17
J. Iciek; S. Wawro; M. Wojtczak: Alternative products from sugarbeets

10 h 20  Paper 18
J.P. Jensen: Electrodialysis of molasses for enhanced sugar yield

10 h 40  Paper 19
T. Rösner; W. Hein; F. Emerstorfer: Optimal dosage of alkalising agent in the juice purification

11 h    Coffee Break

11 h 30  Paper 20
V. Kochergin: Affinity based separation technologies and their role in the current and future sugar industry

11 h 50  Paper 21
J. Jeppesen: The benefits and constraints of a DDS three stage sugar house with separate discharge of dried second product

12 h 10  Paper 22
E. West; P. Burroughs; G. Bowler; G. Parkin: Practical experience of juice decalcification using a weak acid cation exchange resin plant incorporating fractal fluid distribution

12 h 30  Paper 23
S. Heppner; B. Ekelhof; M. Walter; D. Wullbrandt: A new process for the production of “Seeding crystals” – Process development and field report from the factories

12 h 50  Closing remarks