

1st ESST Conference & Exhibition

Joint meeting with
Verein Deutscher Zuckertechniker
Rotterdam, 18 to 20 May 2009

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