

EURASIA 2007

Europe-Asia Symposium on Quality Management in Postharvest Systems

December 3-6, 2007

Technical Programme

Sunday December 2, 2007

16.00-18.00 Pre-registration

Monday December 3, 2007

Bu – Nga Venue

08.00-12.00 **Registration**

09.00-09.30 **Opening Ceremony**
(K. Kiatikomol, President KMUTT)

09.30-09.50 **ISHS Information and Report**
(P. Tonutti, Chair of Commission Quality and Postharvest Horticulture)

09.50-10.30 *Coffee Break*

Room B

Chairperson: Barry McGlasson

10.30-11.00 **Keynote or Invited Speaker 1** **(KI-01)**
Maximizing Quality of Fresh Produce: A Challenge for
Postharvest Education Programs
(E. Hewett, Massey University, New Zealand)

11.00-11.30 **Keynote or Invited Speaker 2** **(KI-02)**
Marketing Asian Fruits and Vegetables in Europe
(W. Florkowski, University of Georgia, USA)

11.30-12.00 **Keynote or Invited Speaker 3** **(KI-03)**
Strategic Integration of Consumer Dynamics and Product
Kinetics: Making Profit with Product Quality
(O. van Kooten, Wageningen University, The Netherlands)

12.00-13.00 *Lunch*

Room B

Chairperson: Errol Hewett

13.00-13.30 **Keynote or Invited Speaker 4** **(KI-04)**
Development of New Varieties for Better Quality of Fresh
Produce
(I. Ferguson, HortResearch, New Zealand)

- 13.30-13.50 **Keynote or Invited Speaker 5** (KI-05)
 Providing Consumers with Consistently High Quality Stone Fruit
 (W.B. McGlasson, University of Western Sydney, Australia)
- 13.50-14.10 **Oral Presentation 1** (O-01)
 Using “In Store” Consumer Test to Understand Fresh Fruit Consumer Acceptance
 (C.H. Crisosto, University of California, USA)
- 14.10-14.30 **Oral Presentation 2** (O-02)
 Short Storability after Removal of Astringency by Dry-Ice Treatment in Various Cultivars and Some Trials of Storability Improvement in Persimmon
 (H. Itamura, Shimane University, Japan)
- 14.30-15.00 *Coffee Break*

Room B

Chairperson: Wojciech Florkowski

- 15.00-15.30 **Keynote or Invited Speaker 6** (KI-06)
 Postharvest Management of White Asparagus
 (B. Brueckner, Institute for Vegetable- and Ornamental Crops, Germany)
- 15.30-16.00 **Keynote or Invited Speaker 7** (KI-07)
 Managing Maturity and Ripening in The Fruit Production Chain for Improved Flavour
 (P.E. Zerbini, CRA-IAA Unità di ricerca per i processi delle industrie AgroAlimentari, Italy)
- 16.00-16.20 **Oral Presentation 3** (O-03)
 Towards Better Stone Fruit Supply Chains in North West Vietnam
 (D.T. Chu, RIFAV - Research Institute of Fruits and Vegetables, Vietnam)
- 16.20-16.40 **Oral Presentation 4** (O-04)
 Quality of Pomegranate and Minor Mediterranean Fruits
 (A.I. Ozguven, Çukurova University, Turkey)
- 16.40-18.00 **Poster Viewing**
- 18.00-21.00 *Welcome Reception*

Tuesday December 4, 2007

Room B

Chairperson: Ian Ferguson

- 09.00-09.30 **Keynote or Invited Speaker 8** (KI-08)
Use of Genomics Tools to Study Peach fruit Postharvest Physiology
(P. Tonutti, Sant'Anna School of Advanced Studies, Italy)
- 09.30-10.00 **Keynote or Invited Speaker 9** (KI-09)
Biotechnology to Improve Tomato Aroma and Flavor
(Y. Sitrit, Ben-Gurion University of The Negev, Israel)
- 10.00-10.30 *Coffee Break*

Room B

Chairperson: Pietro Tonutti

- 10.30-11.00 **Keynote or Invited Speaker 10** (KI-10)
Genomic Tools for Discovery of Genes Affecting Produce Quality
(E. Lewinsohn, Newe Ya'ar Research Center, Israel)
- 11.00-11.30 **Keynote or Invited Speaker 11** (KI-11)
Pitfalls in Technology Transfer from Laboratory to Industry
(R. Ben-Arie, Kiryat Shmona, Israel)
- 11.30-12.00 **Keynote or Invited Speaker 12** (KI-12)
Regulation of Postharvest Fruit Ripening by Innovative Storage Technology
(J. Streif, Universität Hohenheim and Kompetenzzentrum Obstbau-Bodensee, Germany)
- 12.00-13.00 *Lunch*

Room B

Chairperson: Miguel Vendrell

- 13.00-13.30 **Keynote or Invited Speaker 13** (KI-13)
New Innovations in Modified-Atmosphere Packaging – Marketing Nirvana and Technological Reality
(A. Cameron, Michigan State University, USA)
- 13.30-14.00 **Keynote or Invited Speaker 14** (KI-14)
Keeping Quality of Pomegranate Fruit during Prolonged Storage and Transport by MAP: New Developments and Commercial Applications
(R. Porat, The Volcani Center, Israel)

14.00-14.30 **Keynote or Invited Speaker 15** (KI-15)
Controlling Humidity Improves Efficacy of Modified
Atmosphere Packaging of Fruits and vegetables
(N. Aharoni, The Volcani Center, Israel)

14.30-15.00 *Coffee Break*

Room B

Chairperson: Art Cameron

15.00-15.30 **Keynote or Invited Speaker 16** (KI-16)
Effects of Application of Different Treatments (CA, MA, N₂O
and 1-MCP) to Improve Quality of Two Peach Varieties
(M. Vendrell, IBMB-CSIC, Spain)

15.30-15.50 **Oral Presentation 5** (O-05)
Packaging of Farm Fresh Produce - The PerfoTec EMAP
System
(B. Groeneweg, Perfotec BV, The Netherlands)

15.50-16.10 **Oral Presentation 6** (O-06)
Effect of Storage Period and Natural Additive Qare-Qat on
Tea Quality
(S. Sedaghatoor, Islamic Azad University, Iran)

16.10-16.30 **Oral Presentation 7** (O-07)
The Impact of Daily Diurnal Temperature Alternation and
Light Quality on Growth and Morphology in Cucumber
(*Cucumis sativus* L.)
(R. Moe, Norwegian University of Life Sciences, Norway)

16.30-17.30 **Poster Viewing**

Wednesday December 5, 2007

Room B

Chairperson: Bernhard Brueckner

09.00-09.30 **Keynote or Invited Speaker 17** (KI-17)
Stress Induced Formation of Antioxidants: Structural and
Functional Plant Traits
(H.R. Bolhàr-Nordenkamp, University of Vienna, Austria)

09.30-10.00 **Keynote or Invited Speaker 18** (KI-18)
Biochemical Process Involved in Physiological Disorders and
Disease in Apple and Pear. The Determining Role of
Hydrogen Peroxide
(C. Larrigaudière, IRTA, Spain)

10.00-10.30 *Coffee Break*

Room B

Chairperson: Josef Streif

- 10.30-11.00 **Oral Presentation 8** (O-8)
Electrical Impedance Spectroscopy Investigation on Banana Ripening
(S. Zheng, RMIT University, Australia)
- 11.00-11.20 **Oral Presentation 9** (O-9)
Partial Purification and Property of Mg-dechelataase from Harvested Banana Fruit
(X.Q. Pang, South China Agricultural University, China)
- 11.20-11.40 **Oral Presentation 10** (O-10)
The Potential Use of Locally Prepared Chitosan to Control Mycelial Growth and Conidial Germination of *Colletotrichum gloeosporioides* Isolated from Papaya Fruits
(A. Ali, The University of Nottingham Malaysia Campus, Malaysia)
- 11.40-12.00 **Oral Presentation 11** (O-11)
Evaluation of a Relationship between Moisture Loss in Grapes and Chlorophyll Fluorescence Measured as F_0 ($F-\alpha$) Reading
(A.A. Ramin, Isfahan University of Technology, Iran)
- 12.00-13.00 **Lunch**

Room B

Chairperson: Christian Larrigaudiere

- 13.00-13.20 **Oral Presentation 12** (O-12)
Sulfur Dioxide residue in Fresh Longan and Postharvest Method to Reduce Its Levels
(T. Jaroenkit, Maejo University, Thailand)
- 13.20-13.40 **Oral Presentation 13** (O-13)
Effect of Different Potting Media on Growth and Flowering of *Dahlia coccinea* cv. Mignon
(A. Younis, University of Agriculture, Pakistan)
- 13.40-14.00 **Oral Presentation 14** (O-14)
Chlorophyll Fluorescence as A Tool to Evaluate The Senescence of Longan (*Dimocarpus longan* Lour) Fruit
(H.X. Qu, Chinese Academy of Sciences, China)
- 14.00-14.20 **Oral Presentation 15** (O-15)
Water Relation and Microbial Proliferation of Cut "El Dorado" Rose Vase Solution Affected by Different Biocides
(M.M. Jowkar, Islamic Azad University, I.R. Iran)

- 14.20-14.40 **Oral Presentation 16** (O-16)
Study on The Effective Condition and Factors for Decreasing
Losses of Grape through The Harvesting Time, Storage and
Supply to The Market
(M.A. Nejatian, Agricultural Research and Education
Organization, Iran)
- 14.40-15.00 **Coffee Break**
Bu – Nga Venue
- 15.00-15.30 **Business Section**
P. Tonutti
Chair of Commission Quality and Postharvest Horticulture
- 15.30-16.00 **Closing Ceremony**
S. Kanlayanarat
Convener, King Mongkut's University of Technology Thonburi

Thursday December 6, 2007

Excursion Tour

Morning Section : Talaadthai, Distribution market (Pathumthani)
Afternoon Section : Bangsai Arts and Crafts Centre (Ayuthaya)