

Symposium Program Mildura Arts Centre, 11 – 14 November



TUESDAY, 11 NOVEMBER

1730-1930 **Pre-Symposium Registration and Welcome Function**, Mildura Arts Centre
Sponsored by Sun World International

WEDNESDAY, 12 NOVEMBER

0730-1800 **Registration desk open** (tea and coffee on arrival)


0830-0840 **Welcome and Official Opening**

0830 Welcome to the 7th International Table Grape Symposium
Mark Krstic, *Chairman 7th International Table Grape Symposium Organising Committee*

0840-1020 **Session 1**
Table Grape Production and Marketing: Future Challenges and Opportunities
Moderator: Richard Lomman *Chair ATGA*

0840 Overview of table grape production in Australia
Jeff Scott, *CEO ATGA*

0900  **Keynote Address**
Impact of projected climate change on key table grape growing regions around the world
Gregory Jones, *Department of Environmental Studies at Southern Oregon University*

0930  **Keynote Address**
Management of food safety issues in fresh fruit production
Richard Bennett, *Technology Manager for Produce Marketing Association Australia-New Zealand*

0950 Panel questions and answers

1000-1030 **Morning tea**



1030 Insights into exporting table grapes into Asian markets
Peter Walsh, *Victorian Minister for Agriculture and Food Security, Minister for Water*

1050-1220 **Session 2**
Soil Management and Mineral Nutrition
Moderator: Colin Gordon
Department of Agriculture and Food, Western Australia, South Perth, WA, Australia

1050 Soilless table grape cultivation - A review
Rosario Di Lorenzo, *Dipartimento di Scienze Agrarie e Forestali, University of Palermo, Palermo, Italy*

1110 Soil management using no tillage and cover crops in a table grape vineyard in South-eastern Italy, (Puglia region)
Giuseppe Ferrara, *Dipartimento di Scienze del Suolo, della Pianta e degli Alimenti - University of Bari 'Aldo Moro', Italy*

1130 First results on soil management of organically produced 'Midnight Beauty' table grapes covered with plastic film in Apulia region
Gianvito Masi, *Consiglio per la Ricerca e la Sperimentazione in Agricoltura - Research Unit for Viticulture and Enology in Southern Italy, Turi, Italy*

- 1150 Advancing ripening of Scarlet Royal grown in the desert region in California
Carmen Gisbert, *University of California, Cooperative Extension, Indio, California, USA*
- 1210 Panel questions and answers
- 1220-1320 **Lunch**
- 1320-1520 **Session 3**
Rootstocks, Breeding and Cultivar Improvement
Moderator: Jennifer Hashim-Maguire
AUSCAL Viticulture, Melbourne, Victoria, Australia
- 1320  **Keynote Address**
Advanced Genetic Improvement Strategies: New vines for new times
Mark Thomas, *CSIRO Plant Industry, Urrbrae, South Australia, Australia*
- 1350 New table grape varieties obtained in the breeding program by ITUM-IMIDA in Spain
Juan Carreño, *Instituto Murciano de Investigación y Desarrollo Agrario y Alimentario, La Alberca, Murcia, Spain*
- 1410 Developments in the Australian table grape breeding program
Peter Clingeleffer, *CSIRO Plant Industry, Urrbrae, South Australia, Australia*
- 1430 Apulia Seedless: Description and effect of cultural practices
Pietro Scafidi, *Agriproject Group Australia Pty Ltd, Euston, NSW, Australia*
- 1450 What can we learn from the table grape breeding program in Israel?
Amnon Lichter, *The Volcani Center, Bet Dagan, Israel*
- 1510 Panel questions and answers
- 1520-1550 **Afternoon tea**
- 1550-1730 **Session 4**
Rootstocks, Breeding and Cultivar Improvement (Continued)
Moderator: Allison Ferry-Abee
University of California, California, USA
- 1550  **Keynote Address**
Using novel genetics to breed unique new table grape varieties
John Clark, *Department of Horticulture/Plant Science, University of Arkansas, Fayetteville, Arkansas, USA*
- 1620 Addressing challenges in the global development of proprietary varieties through applied varietal research
Hovav Weksler, *Sun World International, Bakersfield, California, USA*
- 1640 Effect of rootstock on leaf nutrient composition of *V. vinifera* cultivars Superior Seedless and Red Globe
María Beatriz Pugliese, *INTA EEA Pocito, San Juan, Argentina*
- 1700 Performance of Autumn King and Scarlet Royal table grapes on some standard and recently released rootstocks
Matthew Fidelibus, *Department of Viticulture and Enology, University of California, Davis, California, USA*
- 1720 Panel questions and answers
- 1730 Closing remarks and housekeeping (nominations for 8ITGS close)

- 1830-1900** **Pre Dinner drinks and canapés, Quality Hotel Mildura Grand**
- 1900-2330** **Symposium Dinner**, Quality Hotel Mildura Grand Ball Room (Dress: smart casual)
Sponsored by Perfection Fresh
Dinner MC: Jeff Scott, CEO ATGA
Dinner entertainment: perceptionist Tom Berger, an entertaining blend of mystery, humour, psychology and intuition using total audience participation

THURSDAY, 13 NOVEMBER

- 0730-1400** **Day registration desk open** (tea and coffee on arrival)

- 0830-1020** **Session 5**
Pest and Disease Management
Moderator: Mark Krstic
Australian Wine Research Institute, Melbourne, Victoria, Australia

- 0830** Welcome and housekeeping

- 0840**  **Keynote Address**
Identification and management of trunk diseases in Australia
Mark Sosnowski, *South Australian Research and Development Institute, Adelaide, South Australia, Australia*

- 0910** Canker diseases in the Coachella Valley: Incidence and evaluation of management strategies
Carmen Gispert, *University of California, Cooperative Extension, Indio, California, USA*

- 0930** Control of grapevine Powdery Mildew with the biofungicide Timorex Gold.
Juan Cristobal Arroyo, *Stockton Israel Ltd, Petach Tikva, Israel*

- 0950** Effective control of fruit fly for market access using a systems management approach in table grapes
David Oag, *Queensland Department of Agriculture, Fisheries and Forestry, Stanthorpe, Queensland, Australia*

- 1010** Panel questions and answers

- 1020-1050** **Morning tea**

- 1050-1320** **Session 6**
Plant Growth Regulators
Moderator: Peter Clingeleffer
CSIRO Plant Industry, Urrbrae, South Australia, Australia

- 1050** Understanding the control of grape berry ripening and developing opportunities for its manipulation
Christopher Davies, *CSIRO Plant Industry, Urrbrae, South Australia, Australia*

- 1110** Effect of shade and gibberellic acid (GA₃) on fruit set and final quality of Thompson Seedless and Crimson Seedless table grape cultivars - A field assay in South Portugal
Sara Domingos, *Universidade de Lisboa, Instituto Superior de Agronomia, Lisboa, Portugal*

- 1130** Effects of PGR's (GA₃ and CPPU) and cane girdling on yield, quality and metabolic profile of cv. Italia table grape
Giuseppe Ferrara, *Dipartimento di Scienze del Suolo, della Pianta e degli Alimenti - University of Bari 'Aldo Moro', Italy*

- 1150** Effect of CPPU (N-(2-Chloro-4-Pyridinyl)-N'-Phenylurea) and a seaweed extract on Crimson Seedless grape quality
Janéne Strydom, *ARC Infruitec-Nietvoorbij, Stellenbosch, South Africa*
- 1210** Evaluation of table grape colouration programs in global production areas
Robert Fritts, *Valent BioSciences Corporation, Clovis, California, USA*
- 1230** Improving table grape colouring programs with s-abscisic acid (Protone™): the importance of application technology
Schalk Reynolds, *Philagro SA, Somerset West, South Africa*
- 1250** Panel questions and answers
- 1300-1400** **Lunch**
- 1400-1605** **Session 7**
Table Grape Growing in Tropical/Subtropical Environments and Dormancy
Moderator: David Oag
Department of Agriculture, Fisheries and Forestry, Stanthorpe, Queensland, Australia
- 1400**  **Keynote Address**
Challenges and opportunities to growing table grapes in sub-tropical/tropical regions
Patrícia Coelho de Souza Leão, *Brazilian Agricultural Research Corporation, Petrolina, Brazil*
- 1430** Comparative Transcriptomic study of bud dormancy in sub-tropical and Mediterranean climates
Michael Considine, *School of Plant Biology, University of Western Australia, Crawley, WA Australia*
- 1450** Low temperature-dependent release from dormancy involves a transient oxidative burst in grapevines (*Vitis vinifera*) buds
Karlia Meitha, *School of Plant Biology, University of Western Australia, Crawley, WA Australia*
- 1510** Influence of external dormancy release forcing factors on grape vine bud dormancy and the concomitant changes in bud respiration
Yazhini Velappan, *School of Plant Biology, University of Western Australia, Crawley WA Australia*
- 1530** Control of grape bud dormancy release
Etti Or, *Department of Fruit Tree Sciences, Volcani Centre, ARO, Israel*
- 1550** Panels question and answers
- 1600** Closing remarks and housekeeping
- 1610-1810** **Poster Session** – includes drinks and canapés, marquee Mildura Arts Centre
Sponsored by Sheehan Genetics Australia
MC – Peter Clingeffer, CSIRO Plant Industry, Urrbrae, SA, Australia
Announcement of 'Best Poster Award'
Voting for host of 8th International Table Grape Symposium
Note – no symposium dinner tonight, please make own dinner arrangements

FRIDAY, 14 NOVEMBER

0730-1400 Day registration desk open (tea and coffee on arrival)

0830-1110 **Session 8**
General Viticulture and Vine Physiology
Moderator: Matthew Fidelibus
Department of Viticulture and Enology, University of California, Davis, California, USA

0830 Welcome and housekeeping

0840 Plastic rain covers affect canopy microclimate and fruit quality of table grapes
Matthew Fidelibus, *Department of Viticulture and Enology, University of California, Davis, California, USA*

0900 Identification and characterisation of factors affecting development of size diversity among berries in a clusters of cv. Early Sweet
Etti Or, *Department of Fruit Tree Sciences, Volcani Center, ARO, Israel*

0920 Irrigation strategy and vine performance of organic 'Italia' table grape grown in Apulia region (Southern Italy)
Luigi Tarricone, *Consiglio per la Ricerca e la Sperimentazione in Agricoltura, Research Unit for Viticulture and Enology in Southern Italy, Turi, Italy*

0940 A study on the factors involved with russet stains in Thompson Seedless table grapes
Hovav Weksler, *Department of Postharvest Science, The Volcani Center, Bet Dagan, Israel*

1000 Causes and prevention of Thompson Seedless berry collapse
Peter Clingeleffer, *CSIRO Plant Industry, Urrbrae, South Australia, Australia*

1020 The use of autofluorescence and imaging for phenological analysis of table grapes
Amnon Lichter, *Department of Postharvest Science, The Volcani Center, Bet Dagan, Israel*

1040 Satellite-based assessments of irrigation water use by table grapes grown in the Robinvale district of SE Australia
Des Whitfield, *Department of Environment and Primary Industries, Tatura, Australia*

1100 Panel questions and answers

1110-1140 **Morning tea**

1140-1335 **Session 9**
Postharvest Technologies
Moderator: Don Luvisi
University of California Cooperative Extension, Viticulture Advisor, Emeritus

1140 Sulfur dioxide in the berry: metabolism, inducible defences and insights
Michael Considine, *School of Plant Biology, The University of Western Australia, Crawley, Western Australia, Australia*

1200 **Vapormate™**: applications as a fumigant for the table grape industry
Swaminathan Thalavaisundaram, *Linde Crop Sciences, North Ryde, Australia*

1220 New techniques for postharvest application of SO₂ on table grapes
Eduardo Maldonado Araneda, *Insumos Frutícolas INFRUTA SA, Lampa, Santiago, Chile*

1240 Alternative fumigation and cold treatment disinfestation methods
Andrew Jessup, *NSW Department of Primary Industries, Gosford, NSW, Australia*

- 1300** Predicting rachis browning and quality loss in *Vitis vinifera* L. cv. Thompson Seedless during cool storage
John Lopresti, *Department of Environment and Primary Industries, Victoria, Australia*
- 1320** Panel questions and answers
- 1330** Symposium closing remarks and announcement of host for 8ITGS
- 1335-1435** **Lunch**
- 1830-2230** River cruise, boarding 'Mundoo' from 1830 for a 1900 departure. Mildura Wharf, Hugh King Drive
Sponsored by GrapeCo.

SATURDAY AND SUNDAY, 15 - 16 NOVEMBER

Post Symposium Technical Tour

- 0830-2200** **Saturday** - Mildura and Robinvale regions
- 0830-1500** **Sunday** - Mildura and local district area

Dress: Please wear light-weight clothing, a wide-brimmed hat and sun protection cream.
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