

Program Agenda

Abstract page numbers are indicated at the end of listings when applicable [example: “...(p. 2)”]

Sunday, April 10, 2005

- 1600–1900 **Registration Open** [MAIN LOBBY]
 1700–1900 **Poster Set-up**..... [NEW RIVER B]
 1800–2000 **Welcome Reception** [POOLSIDE]

Monday, April 11, 2005

- 0730–1500 **Registration Open**..... [8TH FLOOR FOYER]
 0800–0900 **Early Morning Refreshments** [HIMMARSHEE ROOM]

0900 –1030 **WELCOME AND OFFICIAL OPENING** [HIMMARSHEE ROOM]

- 0900–0910 **Welcome and Introductory Comments – *Gail Wisler***, Chairman, Plant Pathology Department, University of Florida/IFAS, Gainesville, FL, USA
 0910–0945 **Keynote Speaker: The International Working Group on Vegetable Viruses - VVWG: A Short History** – *P. Caciagli*; Istituto di Virologia Vegetale, CNR - Torino, Italy, EU (p. 10)
 0945–1020 **Keynote Speaker: Cross-Contamination of Microorganisms Between Earth and Mars: Is there a Risk?** – *Andrew Schuenger*; Plant Pathology Department, University of Florida/IFAS, Gainesville, FL, USA
 1020–1030 **Housekeeping Remarks**
(Review of how the workshop schedule will progress)
 1030–11:00 **Refreshment Break & Networking**..... [8TH FLOOR PATIO]
1100–1220 **SESSION I – DISEASE/DETECTION**..... [HIMMARSHEE ROOM]

Moderator: *Hervé Lecoq*

- 1100–1120 **Natural Variation in *Pepino Mosaic Virus*** – *R. A. A. van der Vlugt*¹, *C. Cuperus*¹, *A. Dullemans*¹ and *C. C. M. M. Stijger*²; ¹Plant Research International BV, Wageningen, The Netherlands; ²Applied Plant Research, Naaldwijk, The Netherlands (p. 34)
 1120–1140 **Complete Genome Sequence, Experimental Host Range, Phylogenetic Relationships, and Heterologous Reassortment for Five Begomoviruses in the *Squash Leaf Curl Virus* Clade** – *Judith K. Brown*, *K. Baumann*, *K. Mills*, and *A. M. Idris*; Department of Plant Sciences, The University of Arizona, Tucson, AZ, USA..... (p. 9)

Monday, April 11, 2005 (continued)

1140–1200 **A New Species of *Begomovirus* Infecting *Capsicum annuum* grossum (Bell Pepper) and Prevalence of *Tomato Leaf Curl New Delhi Virus* in *Momordica charantia* and *Eclipta prostrata* under Natural Conditions of Pakistan – M. S. Haider and M. Tahir; School of Biological Sciences, University of the Punjab, Lahore, Pakistan (p. 12)**

1200–1220 **TBD**

1220–1330 **Lunch on Own**

1330 –1500 SESSION II – DETECTION AND MOLECULAR/GENOMICS [HIMMARSHEE ROOM]

Moderator: Scott Adkins

1330–1340 **Opening Remarks and Session Overview by Moderator**

1340–1400 ***Physalis Mottle Virus* Infection of Tomato in Nebraska, USA – J. Th. J. Verhoeven¹, J. W. Roenhorst¹, D. E. Lesemann² and R. Koenig²; ¹Plant Protection Service, Wageningen, the Netherlands; ²BBA Institut für Pflanzenvirologie, Mikrobiologie und Biologische Sicherheit, Braunschweig, Germany (p. 37)**

1400–1420 **Effects of *Beet Western Yellows Virus*, *Cauliflower Mosaic Virus* and *Turnip Mosaic Virus* on Stored White Cabbage and Their Involvement in the Occurrence of Internal Disorders – P. J. Hunter, J. E. Jones and J. A. Walsh; Warwick HRI, Wellesbourne, Warwick, UK (p. 40)**

1420–1440 **Increasing Yields and Quality of the Illinois Horseradish Crop Using In Vitro Disease Elimination – M. Uchanski, M.A. Norton and R.M. Skirvin; University of Illinois at Urbana-Champaign, IL, USA (p. 33)**

1440–1500 **Functional Genomics in Pea by Virus Induced Gene Silencing (VIGS) – Ole S. Lund¹, Gabriela D. Constantin¹, Britta N. Krath¹, Stuart A. MacFarlane², Mogens Nicolaisen³ and I. Elisabeth Johansen¹; ¹Biotechnology group, Danish Institute of Agricultural Sciences, Denmark; ²Scottish Crop Research Institute, Invergowrie, Dundee, Scotland; ³Department of Crop Protection, Danish Institute of Agricultural Sciences, Denmark (p. 21)**

1500–1700 **Formal Poster Session and Refreshment Break [NEW RIVER B] (Poster presenters to be stationed at displays)**

1800–2300 **Jungle Queen Dinner Cruise**

Tuesday, April 12, 2005

0730–1700	Registration Open [8 TH FLOOR FOYER]
0730–0830	Early Morning Refreshments [HIMMARSHEE ROOM]
0730–1700	Posters on Display [NEW RIVER B]
<u>0830–1000</u>	<u>SESSION III – MOLECULAR AND NEW/EMERGING</u> [HIMMARSHEE ROOM]

Moderator: William Wintermantel

0830–0840	Opening Remarks and Session Overview by Moderator
0840–0900	Investigations on the Genomics of Plant-Virus Co-Evolution in Wild <i>Brassica</i> Species – C. Obermeier¹, J. Reeves², D. Pallett², H. Wang², J. I. Cooper², R. Machado³, Z. Luo³, A. Sharpe⁴, D. Lydiate⁴, K. Ohshima⁵, M. Kearsey³ and J. A. Walsh¹; ¹Warwick HRI, Wellesbourne, Warwick, UK; ²Centre for Ecology and Hydrology, Oxford, UK; ³School of Biosciences, The University of Birmingham, Birmingham, UK; ⁴Agriculture & Agri-Food Canada, Saskatoon Research Centre, Saskatoon, Canada; ⁵Laboratory of Plant Virology, Saga University, Japan..... (p. 25)
0900–0920	Complete Sequence and Capsid Protein Variability of <i>Chickpea chlorotic stunt virus</i>, a New Polerovirus Infecting Cool Season Legume Crops – A. D. Abraham^{1,2}, W. Menzel¹ and H. J. Vetten¹; ¹Federal Research Center for Agric. & Forestry, Institute for Plant Virology, Microbiology & Biosafety, Braunschweig, Germany; ²Ethiopian Agric. Res. Organization, National Plant Protection Research Center, Ambo, Ethiopia (p. 4)
0920–0940	Viral Involvement in Vine Decline of Watermelon in Florida – Scott Adkins¹, Carlye A. Baker², Diann Achor³, Pamela D. Roberts⁴, Ivanka Kamenova¹, Rosa M. Muchovej⁴, Phyllis Gilreath⁵ and Gene McAvoy⁶; ¹USDA-ARS, Fort Pierce, FL, USA; ²FDACS-DPI, Gainesville, FL, USA; ³University of Florida, Lake Alfred, FL, USA; ⁴University of Florida, Immokalee, FL, USA; ⁵Florida Cooperative Extension Service, Palmetto, FL, USA; ⁶Florida Cooperative Extension Service, LaBelle, FL, USA (p. 5)
0940–1000	<i>Squash Leaf Curl Virus</i> (SLCV) and <i>Watermelon Chlorotic Stunt Virus</i> (WmCSV), Newly Emerging Begomoviruses in Israel – Y. Antignus, O. Lachman and M. Pearlsman; Department of Virology, ARO, The Volcani Center, Bet Dagan, Israel..... (p. 6)
1000–1030	Refreshment Break and Networking [8 TH FLOOR PATIO]

Tuesday, April 12, 2005 (continued)

1030–1200 **SESSION IV – NEW/EMERGING I** [HIMMARSHEE ROOM]

Moderator: *Joe Vetten*

- 1030–1040 **Opening Remarks and Session Overview by Moderator**
- 1040–1100 **Watermelon Mosaic Virus (WMV, Potyvirus): How Interspecific Recombination Between Two Legume-Infecting Potyviruses Yields a Vegetable-Infecting Virus** – *Cecile Desbiez, C. Costa, M. Girard, C. Rys and H. Lecoq*; INRA, Station de Pathologie Végétale, Domaine Saint Maurice, Montfavet, France (p. 19)
- 1100–1120 **Naturally Occurring Partial Diploid Strains of *Bean Pod Mottle Virus* Induce Exceptionally Severe Symptoms on Soybean** – *S. A. Ghabrial, H. Gu, C. Zhang and A. Kritzman*; University of Kentucky, Plant Pathology, Lexington, KY, USA..... (p. 11)
- 1120–1140 **Characterization of *Snake Melon Asteroid Mosaic Virus*, a Tentative New Sobemovirus Infecting Cucurbits** – *H. Lecoq¹, G. Dafalla², C. Desbiez¹, B. Delécolle¹, C. Wipf-Scheibel¹ and M. Girard¹*; ¹INRA, Station de Pathologie Végétale, Montfavet, France; ²Plant Pathology Center, University of the Gezira, Wad Medani, Sudan (p. 18)
- 1140–1200 **High Sequence Homology between *Pepino Mosaic Virus* Isolates from Chile and the USA** – *Kai-shu Ling*; USDA-ARS, U. S. Vegetable Laboratory, Charleston, SC, USA (p. 20)
- 1200–1330 **Group Lunch** [NEW RIVER A]

1330–1500 **SESSION V – RESISTANCE I** [HIMMARSHEE ROOM]

Moderator: *Jane Polson*

- 1330–1340 **Opening Remarks and Session Overview by Moderator**
- 1340–1400 **Recent Progress over Natural Virus Resistance in *Lupinus* spp.** – *Roger A. C. Jones^{1,2}, L. J. Smith² and G. M. Burchell¹*; ¹Department of Agriculture, South Perth, Western Australia; ²Centre for Legumes in Mediterranean Agriculture, University of Western Australia (p. 14)
- 1400–1420 **Identification of Cucurbita Sources of Resistance to the Czech Strain of *Zucchini Yellow Mosaic Virus*** – *J. Svoboda and J. Polák*; Research Institute of Crop Production, Division of Plant Medicine, Prague - Ruzyně, Czech Republic (p. 28)
- 1420–1440 **Translocation of Genetically Engineered Resistance to *Tomato Yellow Leaf Curl Virus* across a Graft** – *J. E. Polston¹, M. Lapidot², R. W. England¹ and E. Hiebert¹*; ¹Department of Plant Pathology, University of Florida, Gainesville, FL, USA; ²Department of Virology, Volcani Center, Agricultural Research Organization, Bet Dagan, Israel (p. 29)

Tuesday, April 12, 2005 (continued)

- 1440–1500 **Mirafiori Lettuce Virus (MiLV) and Lettuce Big Vein Virus (LBVV) Sequence Diversity and Frequency in California and Arizona Lettuce, and Analysis of Big Vein Resistance – William M. Wintermantel, Ryan J. Hayes, Patricia A. Nicely and Edward J. Ryder; USDA-ARS, Salinas, CA, USA**..... (p. 44)
- 1500–1730 **Formal Poster Session and Refreshment Break**..... [NEW RIVER B]
- 1730–1800 **Poster Removal**
- EVENING **Dinner on Own**

Wednesday, April 13, 2005

- 0645–0715 **Registration Open**..... [8TH FLOOR FOYER]
- 0645–0715 **Early Morning Refreshments** [8TH FLOOR FOYER]
- 0730–1700 **Field Trip**

Thursday, April 14, 2005

- 0730–1200 **Registration Open**..... [8TH FLOOR FOYER]
- 0730–0830 **Early Morning Refreshments** [HIMMARSHEE ROOM]
- 0830–1000** **SESSION VI – NEW/EMERGING II**..... [HIMMARSHEE ROOM]

Moderator: Roger Jones

- 0830–0840 **Session Overview and Introduction**
- 0840–09:00 **Recently Detected Viruses on Pepper in the Czech Republic – J. Svoboda¹, G. Červená², J. Rodová² and M. Ducháčová¹; ¹Research Institute of Crop Production, Division of Phytomedicine, Prague, Czech Republic; ²State Phytosanitary Office of the Czech Republic**..... (p. 32)
- 0900–0920 **A New Strain of Cowpea Mild Mottle Virus Infects French Bean in Spain and Morocco – J. Th. J. Verhoeven¹, J. W. Roenhorst¹, C. C. C. Jansen¹, R. Miglino², A. R. van Schadewijk², E. Segundo³, I. M. Cuadrado³ and D. Janssen³; ¹ Plant Protection Service, Wageningen, the Netherlands; ² Bulb Inspection Service, Lisse, the Netherlands; ³Dirección General de Investigación y Formación Agraria, El Ejido, Spain**..... (p. 36)
- 0920–0940 **Identification and Detection of a Closterovirus from Carrot in Germany – W. Menzel, D. E. Lesemann and H. J. Vetten; Federal Research Center for Agriculture and Forestry (BBA), Institute of Plant Virology, Microbiology and Biosafety, Braunschweig, Germany**..... (p. 38)

Thursday, April 14, 2005 (continued)

0940–1000 **Serological and Molecular Evidence for the Occurrence of Nanovirus Species other than *Faba Bean Necrotic Yellow Virus* in Morocco and Ethiopia** – *A. D. Abraham*^{1,2}, *B. Bencharki*³, *V. A. Torok*¹, *L. Katul*¹ and *H. J. Vetten*¹; ¹Federal Research Center for Agriculture and Forestry (BBA), Institute of Plant Virology, Microbiology and Biosafety, Braunschweig, Germany; ²Ethiopian Agricultural Research Organization, Ambo, Ethiopia; ³Université Hassan 1er; Faculté des Sciences et Techniques, Settat, Morocco (p. 39)

1000–1030 **Refreshment Break & Networking** [8TH FLOOR PATIO]

1030–1130 SESSION VII – RESISTANCE II [HIMMARSHEE ROOM]

Moderator: Gail Wisler

1030–1050 **Mapping of Tombusvirus Resistance in Lettuce and the Influence of Soil Salinity on Lettuce Dieback Disease Development** – *William M. Wintermantel*, *Rebecca C. Grube* and *Amy G. Anchieta*; USDA-ARS, Salinas, CA, USA (p. 43)

1050–1110 **Mapping Resistance Genes to *Turnip Mosaic Virus* in the *Brassica* Genome and Identifying the Viral Determinants of Virulence** – *J. A. Walsh*¹, *C. E. Jenner*¹, *S. L. Hughes*¹, *P. J. Hunter*¹, *A. G. Sharpe*², *D. J. Lydiate*², *F. Ponz*³, *K. Tomimura*⁴, *K. Ohshima*⁴ and *X. Wang*^{1,3,5}; ¹Horticulture Research International, Wellesbourne, Warwick, UK; ²Agriculture & Agri-Food Canada, Saskatoon, Saskatchewan, Canada; ³Dpto de Biotecnologia, INIA, Madrid, Spain; ⁴Laboratory of Plant Virology, Faculty of Agriculture, Saga University, Saga, Japan; ⁵Institute of Vegetables and Flowers, CAAS, Beijing, China (p. 42)

1110–1130 **History of Internal Working Group IWGLV** – *Roger A. C. Jones*; Department of Agriculture, South Perth, Western Australia

1130–1300 **Conference Recap and Closing Business Meeting**