

**Northeast Division American Phytopathological Society
Annual Meeting
Cape May, New Jersey
October 10 – 12, 2007**

WEDNESDAY, OCTOBER 10, 2007

- 7:00 – 9:00 **TOUR:** Birding on the South Jersey Shore led by Frank Caruso, departing from Congress Hall
- 9:00 – 9:30 **TOUR:** Historic Congress Hall
- 9:30 – 12:00 **TOUR:** Trolley Tour of Cape May and the Victorian Physick House
- 12:00-5:00 **REGISTRATION - (PREFUNCTION)** Hotel Lobby
- 1:30 - 5:00 **INDUSTRY - EXTENSION MEETING**
Presiding: Wade Elmer
- 5:00-6:00 **NEDAPS GRADUATE STUDENT AWARDS COMMITTEE**
- 5:00-7:00 Dinner on your own
- 7:00-10:00 **DIVISION SOCIAL**
(light snacks/drinks/Jeopardy Game/music)

THURSDAY, OCTOBER 11, 2007

- 7:00 - 8:00 **CONTINENTAL BREAKFAST** Ballroom A
- 7:30 -11:00 **REGISTRATION (PREFUNCTION)** Hotel Lobby
- 8:00-8:05 **WELCOME AND OPENING REMARKS**
CHERYL SMITH, NED-APS President
- 8:05-10:05 **SYMPOSIUM: DIAGNOSIS AND MANAGEMENT OF BACTERIAL DISEASES** Ballroom B
Presiding: Andrew Wyenandt
- 8:05 – 8:35 **Advances in Phyto bacteria Diagnostics.** WILLIAM (BILL) SCHNEIDER, Foreign Disease-Weed Research Unit, USDA/ARS, Ft. Detrick, MD
- 8:35 – 9:05 **Multilocus Sequence Typing: a Convergence of Taxonomy, Epidemiology and Evolution.** ERIN L. SCHUENZEL, Foreign Disease-Weed Research Unit, USDA/ARS, Ft. Detrick, MD

- 9:05 – 9:35 **Prospects for Using Bacteriophages as Part of a Disease Management Strategy.** JEFFREY JONES, University of Florida, Gainesville, FL
- 9:35 – 10:05 **Dealing with Bacterial Diseases in Greenhouse Flower Crop Production.** MARGERY DAUGHTREY, Cornell University, Long Island Horticultural Research & Extension Center, Riverhead, NY.
- 10:05 – 10:30 **BREAK** for refreshments
- 10:30 - 12:15 **GRADUATE STUDENT AWARD COMPETITION** Ballroom B
Presiding: Frank Caruso
- 10:30 **Effect of Fe, Cu, Mn, Zn and Mo on the development of *Helminthosporium solani* and potato silver scurf.** S. BOIVIN (1), T.J. Avis (1), C.M. Maios (2), S. Jabaji-Hare (2), and R.J. Tweddell (1). (1) Centre de recherche en horticulture, Université Laval, Québec, QC, Canada G1K 7P4; (2) Department of Plant Science, McGill University, Sainte-Anne-de-Bellevue, QC, Canada H9X 3V9.
- 10:45 **Biocontrol potential of three species from the *Pseudozyma* genus.** G. CLÉMENT-MATHIEU, G. Marchand, C. Labbé, R.R. Bélanger. Département de phytologie, Centre de Recherche en Horticulture, Université Laval, Québec, Canada G1K 7P4.
- 11:00 **Spatial evaluation of *Neonectria* spp. presently associated with beech bark disease in Maine.** M. T. KASSON (1), W.H. Livingston (2). (1) Dept. of Plant Pathology, Penn State University, University Park, PA, 16802; (2) School of Forest Resources, University of Maine, Orono, ME, 04469
- 11:15 **Managing soilborne potato diseases in the Northeast with *Brassica* rotations.** R.P. LYNCH and R.P. Larkin. USDA-ARS New England Plant, Soil and Water Laboratory, Orono, ME 04469.
- 11:30 **Co-colonization of *Theobroma cacao* seedlings with bacterial and fungal endophytes.** R.L.MELNICK(1), B.A. Bailey (2), M.D. Strem (2), and P.A. Backman (1). (1) Department of Plant Pathology, Penn State University, University Park, PA 16802; (2) USDA-ARS SPCL, Beltsville, MD 20705
- 11:45 **First report of *Curvularia* blight of zoysiagrass in the United States.** J.A. ROBERTS and L.P. Tredway. Department of Plant Pathology, NC State University, Raleigh, NC 27695
- 12:00 – 1:45 **LUNCH** on your own
- CONTRIBUTED PAPER SESSION** Ballroom B
Presiding: James Lamondia
- 1:45 **Isolate effects on the inheritance of dollar spot resistance in crosses of creeping bentgrass.** S. E. BONOS and E. Weibel. Department of Plant Biology and Pathology, Rutgers University, New Brunswick, NJ 08901.

- 2:00 **Structure of fungicide resistance populations of *Sclerotinia homoeocarpa* on golf courses.** G. JUNG (1), Y.K. Jo (1), P. Koch (2), and S. W. Chang (1). (1) Department of Plant, Soil & Insect Sciences, University of Massachusetts, Amherst, MA 01003; (2) Department of Plant Pathology, University of Wisconsin, Madison, WI 53706.
- 2:15 **Sand topdressing rate and frequency effects on anthracnose disease of a *Poa annua* putting green.** J.C. Inguagiato, J.A. Murphy and B.B. CLARKE. Department of Plant Biology & Pathology, Rutgers Univ., New Brunswick, NJ 08901
- 2:30 **Biological control of charcoal root rot (*Macrophomina phaseolina*) using *Pseudomonas* isolates from soil in Jordan.** K.M. HAMEED, M.A. Al-Khashashneh, and S. Gussous, Department of Plant Production, Faculty of Agriculture, JUST, P.O.B. 3030, Irbid 22110
- 2:45 **Biological control of *Alternaria* black spot in cabbage by antagonistic bacteria.** C. T. Lo and L. Y. Lee. National Formosa University, 63208 Yunlin, Taiwan
- 3:00-3:30 **BREAK** for refreshments
- 3:30 - 4:00 **CONTRIBUTED PAPER SESSION** Ballroom B
Presiding: James Lamondia
- 3:30 **Sensitivity to fungicides of *Podosphaera xanthii* in 2007.** M. MIAZZI (1) and M.T. McGrath (2) (1) Dip. Prot. Piante e Micr. Appl., Univ. di Bari, Italy (2) Department of Plant Pathology, Cornell University, Riverhead, NY 11901
- 3:45 **Identification of streptomycin-resistant strains of *Erwinia amylovora* in New York.** N.L. RUSSO (1), T.J Burr (1), D.I. Breth (2), and H.S. Aldwinckle (1). (1) Department of Plant Pathology, Cornell University, Geneva NY 14456; (2) Cornell Cooperative Extension, Albion NY 14411
- 4:00 – 5:00 **BUSINESS MEETING NED-APS**
Presiding: Cheryl A. Smith, President
- 5:00 **NED-APS COMMITTEE CHAIRS** (If needed)
- 5:00 **GRADUATE STUDENT AWARD COMMITTEE**
- 6:30 **SOCIAL – CONGRESS HALL** Veranda or Ballroom A (depending on Weather)
- 7:00 **BANQUET AND AWARDS – CONGRESS HALL RESTAURANT**

FRIDAY, OCTOBER 12, 2007

7:00 – 8:00

CONTINENTAL BREAKFAST

8:00-9:00

MOLECULAR PLANT PATHOLOGY SYMPOSIUM

Presiding: Wade Elmer

Use of a Heterologous Host to Locate Genes Associated With Host Specificity in Citrus and Pepper. JEFFREY B. JONES, Department of Plant Pathology, University of Florida, Gainesville, FL.

9:00 – 9:30

CONTRIBUTED PAPER SESSION Ballroom B

Presiding: Daniel Cooley

9:00

Examining genetic diversity within *Phytophthora* species. JAIME E. BLAIR (1), Masoomeh Peiman (2), and Michael D. Coffey (2). (1) Department of Biology, Amherst College, Amherst MA 01002; (2) Department of Plant Pathology, University of California, Riverside, CA 92521

9:15

The worldwide occurrence of the anther-smut fungus *Microbotryum* on species of the Caryophyllaceae as assessed from herbarium surveys. J.I. MENA-ALI (1), J. Antonovics (2), T. Giraud (3), B. Oxelman (4), A. Gibson, R. Yockyeng (5), M. Arroyo (6), F. Conti (7), and M. E. Hood (1). (1) Department of Biology, Amherst College, Amherst, MA 01002; (2) Department of Biology, University of Virginia, Charlottesville, Virginia 22904; (3) ESV, Bâtiment 362, Université Paris-Sud, 91405 Orsay cedex, France; (4) Department of Systematic Botany, Uppsala University, Uppsala, Sweden; (5) Muséum national d'Histoire naturelle, Paris, France; (6) Pontificia Universidad Católica de Chile, Santiago, Chile; (7) University of Camerino, Camerino, Italy

9:30

Amplified Fragment Length Polymorphic (AFLP) markers for the forest fungal pathogen, *Neonectria ditissima*. R. E. MARRA. Department of Plant Pathology and Ecology, The Connecticut Agricultural Experiment Station, New Haven, CT 06511

9:45

The effect of host growth on the dynamics of plant disease epidemics. F. J. FERRANDINO Department of Plant Pathology and Ecology, The Connecticut Agricultural Experiment Station, New Haven, CT 06504

10:00-10:30

BREAK for refreshments

10:30

Use of a pre-plant corm treatment to suppress *Fusarium* corm rot of gladiolus. W. H. ELMER. Department of Plant Pathology and Ecology, The Connecticut Agricultural Experiment Station, New Haven, CT 06504

10:45

Reduction in primary inoculum of *Fusicladosporium carpophilum* on stone fruit by the QoI fungicide trifloxystrobin. N. LALANCETTE, K. A. McFarland, and A. L. Burnett. Rutgers University, Agricultural Research and Extension Center, Bridgeton, NJ 08302

- 11:00 **Organic disease management on apple.** J. W. TRAVIS, N. O. Halbrendt. Department of Plant Pathology, Penn State University, Fruit Research and Extension Center, Biglerville, PA 17307
- 11:15 **Actigard increases fungicide efficacy against *Peronospora tabacina*, cause of tobacco blue mold.** J. A. LAMONDIA, Valley Laboratory, The Connecticut Agricultural Experiment Station, Windsor, CT 06095
- 11:30 **Black rot control in eastern organic grape production.** B. HED (1), J.W. Travis (2). Department of Plant Pathology, Penn State University, (1) North East, PA 16428; (2) Biglerville, PA 17307
- 11:45 **A fungal marine pathogen and an alga: lichen or not.** D. R. COOLEY (1), R. F. Mullins (1), and R. T. Wilce (2). (1) Department of Plant, Soil & Insect Sciences; (2) Department of Biology; University of Massachusetts, Amherst, MA 01003
- 12:00 **ADJOURN**