



XLII BRAZILIAN CONGRESS OF PHYTOPATHOLOGY Rio de Janeiro, August 3rd - 7th 2009

Phytopathology

Science, Evolution and Prospects for the Biotechnology Era

GENERAL PROGRAMMING

([progcientificafito2009eng.pdf](#))

MONDAY: 03 AUGUST 2009

11:00 - 16:30 h Registration and Delivery of Material (*Versailles* Lounge)

13:30 - 16:30 h Interactions Scientific and Agribusiness (*Louvre* Lounge)

16:30 - 17:30 h **Opening Ceremony** (*Louvre* Lounge)

17:30 - 18:30 h **Lecture** ([Lectures.pdf](#)) (*Louvre* Lounge)

Coordinator: **Paulo Sergio Torres Brioso** (UFRRJ/ RJ)

Guest: **Francisco José Becker Reifschneider** (Embrapa - Hortaliças/ DF) - *C & T Agricultural and Plant - a reflection of this and considerations for the future*

18:30 - 20:00 h **Cocktail**

TUESDAY: 04 AUGUST 2009

08:00 - 09:20 h **Mini-Course 1: Seed Pathology** ([sanidadeementeseng.pdf](#)) (*Louvre I* Lounge)

Coordinator: **José Maurício Pereira** (MAPA - SFA/ MG)

Guest: **José da Cruz Machado** (UFPA/ MG)

Guest: **Maria Heloisa Duarte de Moraes** (ESALQ-USP/ SP)

08:00 - 09:20 h **Mini-Course 2: Use of molecular markers in plant breeding for resistance to phytopathogens** ([marcadoresmoleculareseng.pdf](#)) (*Louvre II* Lounge)

Coordinator: **Messias Gonzaga Pereira** (UENF/ RJ)

08:00 - 09:20 h **Mini-Course 3: Diagnosis and Therapy of Phytopathogens** ([diagnoseterapiaeng.pdf](#)) (*Louvre III* Lounge)

Coordinadoras: **Vera Lúcia de Almeida Marinho** e **Abi Soares dos Anjos Marques** (Embrapa - Recursos Genéticos e Biotecnologia/ DF)

Guest: **Ailton Reis** (Embrapa - Hortaliças/ DF)

08:00 - 09:20 h **Mini-Course 4: Scientific Writing** ([redacaocientificaeng.pdf](#)) (Louvre IV Lounge)

Coordinator: **Gilmar Paulo Henz** (Embrapa - Hortaliças/ DF)

Guest: **Adalberto Café Filho** (UnB/ DF)

Guest: **Eduardo Seiti Gomide Mizubuti** (UFV/ MG)

09:20 - 10:20 h **Round Table 1: Phytopathogenic Bacteria** ([roundtable.pdf](#)) (Louvre II Lounge)

Coordinator: **Armando Takatsu** (UnB/ DF)

Guest: **Ricardo Magela de Souza** (UFLA/ MG) - *Study of plant-associated bacteria and their importance in the control of plant pathogens in Brazil*

Guest: **Marisa Álvares da Silva Velloso Ferreira** (UnB/ DF) - *Detection and identification of bacteria against plant taxonomy current bacterial*

09:20 - 10:20 h **Round Table 2: Biological Control** ([roundtable.pdf](#)) (Louvre III Lounge)

Coordinator: **Sueli Correa Marques de Mello** (Embrapa - Recursos Genéticos e Biotecnologia/ DF)

Guest: **Marcelo Augusto Boechat Morandi** (Embrapa - Meio Ambiente/ SP) - *Biotic and abiotic factors in the suppressiveness of plant pathogens*

Guest: **Paulo Roberto Queiroz da Silva** (UniCEUB/ DF) - *Production of metabolites by Trichoderma with inhibitory effects on phytopathogens*

Guest: **Débora Maria Rodrigues Cruz** (MAPA/ DF) - *Production, marketing, import and export of microbiological agents of control*

09:20 - 10:20 h **Round Table 3: Agricultural Chemicals** ([roundtable.pdf](#)) (Louvre IV Lounge)

Coordinator: **Luis Carlos Ribeiro** (ANDEF/ SP) - *The importance of new fungicides for the sustainability of agriculture*

10:20 - 11:20 h **Coffee Break - Poster Session 1** (Salão Versailles)

10:20 - 11:20 h **Oral Session 1** (Louvre IV Lounge)

11:20 - 12:20 h **Lecture** ([Lectures.pdf](#)) (Louvre Lounge)

Coordinator: **Maurício Ercoli Zanon** (ITOGRASS Agrícola Ltda/ SP)

Guest: **Alejandro Canegallo** (Argentina) - *Lawn grass diseases*

12:20 - 13:30 h Lunch

13:30 - 14:30 h **Poster Session 2** (Versailles Lounge)

14:30 - 15:30 h **Round Table 4: Post-Harvest Diseases** ([roundtable.pdf](#)) (Louvre II Lounge)

Coordinator: **Gilmar Paulo Henz** (Embrapa - Hortaliças/ DF)

Guest: **Daniel Terao** (Embrapa - Semi Árido/ PE) - *Management of postharvest diseases in tropical fruits*

Guest: **Patrícia Cia** (IAC/ SP) - *Technologies for the management of post-harvest diseases of vegetables*

14:30 - 15:30 h **Round Table 5: Epidemiology** ([roundtable.pdf](#)) (Louvre III Lounge)

Coordinator: **Adalberto Café Filho** (UnB/ DF)

Guest: **Murillo Lobo Júnior** (Embrapa – Arroz e Feijão/ GO) - *Challenges of interface ecology, epidemiology of root diseases*

Guest: **Emerson Medeiros Del Ponte** (UFRGS/ RS) - *Potential and challenges of seasonal prediction of risk of epidemics in large scale*

14:30 - 15:30 h **Round Table 6: Phytopathogenic Spiroplasm** ([roundtable.pdf](#)) (Louvre IV Lounge)

Coordinator: **Ivan Paulo Bedendo** (ESALQ - USP/ SP) - *Spiroplasm as causative agents of diseases of plants*

Guest: **Elizabeth de Oliveira Sábató** (Embrapa - Milho e Sorgo/ MG) - *Spiroplasma kunkelii: genetic control of resistance of maize*

Guest: **Charles Martins de Oliveira** (Embrapa – Cerrados/ DF) - *Interaction espiroplasma and insect vector*

15:30 - 16:30 h *Coffee Break - Poster Session 3* (Versailles Lounge)

16:30 - 17:30 h **Lecture** ([Lectures.pdf](#)) (Louvre Lounge)

Coordinator: **Paulo Sergio Torres Brioso** (UFRRJ/ RJ)

Guest: **Luis Rogelio Conci** (INTA - Instituto Nacional de Tecnologia Agropecuária - Argentina) - *Phytoplasma on Argentina and control*

17:30 - 18:30 h **Lecture** ([Lectures.pdf](#)) (Louvre Lounge)

Coordinator: **Wagner Bettiol** (Embrapa - Meio Ambiente/ SP)

Guest: **James Francis White Junior** (Department of Plant Biology & Pathology Rutgers, The State University of New Jersey - Estados Unidos) - *Endophyte ecology, evolution, and impacts on diseases and insect pests*

18:30 - 19:30 h **Poster Session 4** (Versailles Lounge)

WEDNESDAY: 05 August 2009

08:00 - 09:20 h **Mini-Course 1: Seed Pathology** ([sanidadeementeseng.pdf](#)) (Louvre I Lounge)

Coordinator: **José Maurício Pereira** (MAPA - SFA/ MG)

Guest: **José da Cruz Machado** (UFLA/ MG)

Guest: **Andréa Bittencourt Moura** (UFPe/ RS)

08:00 - 09:20 h **Mini-Course 2: Use of molecular markers in plant breeding for resistance to phytopathogens** ([marcadoresmoleculareseng.pdf](#)) (Louvre II Lounge)

Coordinator: **Messias Gonzaga Pereira** (UENF/ RJ)

08:00 - 09:20 h **Mini-Course 3: Diagnosis and Therapy of Phytopathogens** ([diagnoseterapiaeng.pdf](#)) (Louvre III Lounge)

Coordinadoras: **Vera Lúcia de Almeida Marinho** e **Abi Soares dos Anjos Marques** (Embrapa - Recursos Genéticos e Biotecnologia/ DF)

Guest: **Carlos Hidemi Uesugi** (UnB/ DF)

Guest: **Vilmar Gonzaga** (Embrapa - Recursos Genéticos e Biotecnologia/ DF)

08:00 - 09:20 h **Mini-Course 4: Scientific Writing** ([redacaocientificaeng.pdf](#)) (Louvre IV Lounge)

Coordinator: **Gilmar Paulo Henz** (Embrapa - Hortaliças/ DF)

Guest: **Gilmar Paulo Henz** (Embrapa - Hortaliças/ DF)

09:20 -10:20 h **Round Table 7: Physiology of Parasitism** ([roundtable.pdf](#)) (Louvre I Lounge)

Coordinator: **Sergio Florentino Pascholati** (ESALQ-USP/ SP) - *Fitotoxina, taxtomina and activation of defense mechanisms in plants*

Guest: **Holger Bruno Deising** (Martin-Luther-Universität Halle-Wittenberg - Alemanha) - *Molecular aspects of the infection of corn by Colletotrichum graminicola*

Guest: **Luiz Alberto Colnago** (Embrapa - Instrumentação Agropecuária/ SP) - *Biochemical changes in plants with symptoms of citrus sudden death (CSD)*

09:20 -10:20 h **Round Table 8: Potential use of organisms from (or grown) in the Brazilian Amazon and Cerrado biocontrol of plant diseases** ([roundtable.pdf](#)) (Louvre III Lounge)

Coordinator: **Paulo Sergio Bevilaqua de Albuquerque** (CEPLAC/ BA)

Guest: **Célia Regina Tremacoldi** (Embrapa – Amazônia Oriental/ PA) - *Methodology for the alternative control of fusariosis in black pepper plants*

Guest: **Cleber Novais Bastos** (CEPLAC/ BA) - *Potentiality of Piper aduncum oil and its bioproducts in the control of phytopathogens*

Guest: **Nilton Tadeu Vilela Junqueira** (Embrapa – Cerrados/ DF) - *Potential of plant extracts and vegetable oils in the conservation and control of tropical diseases*

09:20 -10:20 h **Round Table 9: Genomic / Proteomic** ([roundtable.pdf](#)) (Louvre IV Lounge)

Coordinator: **Marcos Antônio Machado** (Centro APTACitros Sylvio Moreira - IAC/ SP) - *Genomics in the citrus interaction with pathogens*

Guest: **Fred Gmitter Junior** (University of Florida, Citrus Research and Education Center - Estados Unidos) - *Genomics as a tool for breeding disease-resistant citrus*

Guest: **Elizabeth Pacheco Batista Fontes** (UFV/ MG) - *Genomics in plant-pathogen interaction*

10:20 - 11:20 h *Coffee Break - Poster Session 5* (Versailles Lounge)

10:20 - 11:20 h **Oral Session 2** (Louvre IV Lounge)

11:20 - 12:20 h **Lecture** ([Lectures.pdf](#)) (Louvre Lounge)

Coordinator: **Ricardo Moreira de Souza** (UENF/ RJ)

Guest: **Matthew Back** (Harper Adams University College - Inglaterra) - *Understanding nematode-fungus disease complexes of field crops*

12:20 - 13:30 h Lunch

13:30 - 14:30 h **Poster Session 6** (Versailles Lounge)

14:30 - 15:30 h **Round Table 10: Phytoparasitic nematodes** ([roundtable.pdf](#)) (Louvre II Lounge)

Coordinator: **Juvenil Enrique Cares** (UnB/ DF)

Guest: **Guilherme Lafourcade Asmus** (Embrapa - Agropecuária Oeste/ MS) - *Management of the major nematodes that affect the cultivation of cotton in Brazil*

Guest: **Edivaldo Cia** (IAC/ SP) - *Assessment of genetic resistance of cotton to control nematodes*

Guest: **Djair do Santos Lima e Souza** (Embrapa - Recursos Genéticos e Biotecnologia/ DF) - *Strategies for the molecular control of cotton phytonematodes*

14:30 - 15:30 h **Round Table 11: Taxonomy** ([roundtable.pdf](#)) (Louvre III Lounge)

Coordinator: **Luiz Eduardo Bassay Blum** (UnB/ DF) - *Current taxonomy of phytopathogens*

Guest: **Valmir Duarte** (UFRGS/ RS) - *Current taxonomy of phytopathogenic bacteria*

Guest: **Wilmar Cório da Luz** (Embrapa - Trigo/ RS) - *Current taxonomy of fungi*

14:30 - 15:30 h **Round Table 12: Vector, Viruses and Viroid** ([roundtable.pdf](#)) (Louvre IV Lounge)

Coordinator: **Cláudio Lúcio Costa** (UnB/ DF)

Guest: **Rita de Cássia Pereira Carvalho** (UnB/ DF) - *Epidemiological aspects of the spread of Tomato yellow leaf curl virus by Bemisia tabaci*

Guest: **Alice Kazuko Inoue Nagata** (Embrapa - Hortaliças/ DF) - *The versatility of the use of technique of RCA (Rolling Circle Amplification) in virology*

Guest: **Marcelo Eiras** (IB/ SP) - *Viroids: molecular models for studying pathogen-host interactions*

15:30 – 16:30 h *Coffee Break - Poster Session 7* (Versailles Lounge)

16:30 – 17:30 h **Lecture** ([Lectures.pdf](#)) (Salão Louvre)

Coordinator: **José Alberto Caram de Souza Dias** (IAC/ SP)

Guest: **Kerstin Lindner** (JKI - Federal Research Centre for Cultivated Plants – Julius Kühn-Institut - Alemanha) - *The influence of global warming on viruses using the example of PVY and phytoplasmata with particular respect to potato stolbor phytoplasma in potato production in Europe in general and Germany in particular*

17:30 – 18:30 h **Lecture** ([Lectures.pdf](#)) (Salão Louvre)

Coordinator: **Jorge Alberto Marques Rezende** (ESALQ - USP/ SP)

Guest: **Amit Gal-On** (ARO - Agricultural Research Organization - Volcani Center - Israel) - *Viral cross protection: new insights into an well-known phenomenon*

18:30 – 19:30 h **Poster Session 8** (Versailles Lounge)

21:00 – 24:00 h **Fraternization**

THURSDAY: 06 August 2009

08:00 - 09:20 h **Mini-Course 1: Seed Pathology** ([sanidadesementeseng.pdf](#)) (Louvre I Lounge)

Coordinator: **José Maurício Pereira** (MAPA - SFA/ MG)

Guest: **Antônia dos Reis Figueira** (UFLA/ MG)

Guest: **Débora Cristina Santiago** (UEL/ PR)

Guest: **Celso Dornelas Fernandes** (Embrapa - Gado de Corte/ MS)

08:00 - 09:20 h **Mini-Course 2: Use of molecular markers in plant breeding for resistance to phytopathogens** ([marcadoresmoleculareseng.pdf](#)) (Louvre II Lounge)

Coordinator: **Messias Gonzaga Pereira** (UENF/ RJ)

08:00 - 09:20 h **Mini-Course 3: Diagnosis and Therapy of Phytopathogens** ([diagnoseterapiaeng.pdf](#)) (Louvre III Lounge)
Coordinadoras: **Vera Lúcia de Almeida Marinho** e **Abi Soares dos Anjos Marques** (Embrapa - Recursos Genéticos e Biotecnologia/ DF)

08:00 - 09:20 h **Mini-Course 4: Scientific Writing** ([redacaocientificaeng.pdf](#)) (Louvre IV Lounge)
Coordinator: **Gilmar Paulo Henz** (Embrapa - Hortaliças/ DF)

Guest: **Francisco Murilo Zerbini Júnior** (UFV/ MG)

Guest: **Ludwig Heinrich Pfenning** (UFLA/ MG)

09:20 - 10:20 h **Discussion Group 1: Regulation** ([regulacaoeng.pdf](#)) (Louvre II Lounge)

Coordinators: **Lílian Ferro da Cunha** e **Luciana Pozzer** (MAPA – SFA/ RJ)

Guest: **Odilson Luiz Ribeiro e Silva** (MAPA – Brasília/ DF) - *The Standards Committee of the International Convention for the Protection of Plants (CIPV) and its role in development of International Standards for Phytosanitary Measures (NIMFs)*

Guest: **André Felipe Carrapatoso Peralta da Silva** (MAPA – Brasília/ DF) - *Prevention and control of pests of plants for access to foreign markets*

Guest: **Gutemberg Barone de Araújo Nojosa** (MAPA – Brasília/ DF) - *The Agreement on Sanitary and Phytosanitary Measures and WTO bodies for the regulation of international trade*

09:20 - 10:20 h **Discussion Group 2: Protection** ([protecaoeng.pdf](#)) (Louvre III Lounge)

Coordinator: **José Luis Bezzerra** (CEPLAC/ BA)

Guest: **Daniela de Moraes Aviani** (MAPA – Brasília/ DF) – *Intellectual property on new varieties: legal aspects and technical*

Guest: **Luadir Gasparotto** (Embrapa- Amazônia Ocidental/ AM) - *Registration and protection of banana BRS Conquista, resistant to Black Sigatoka, Yellow Sigatoka and Panama's Evil*

09:20 - 10:20 h **Discussion Group 3: Protozoa** ([protozoarioseng.pdf](#)) (Louvre IV Lounge)

Coordinator: **João Batista Tavares da Silva** (Embrapa - Recursos Genéticos e Biotecnologia/ DF) - *Protozoa of plants: current situation in Brazil*

Guest: **José Cristino Abreu de Araújo** (Embrapa - Amazônia Ocidental/ AM) - *Protozoa associated with diseases of cultivated plants*

Guest: **Paulo Manoel Pontes Lins** (Empresa Socôco/ PA) - *Wilt of coconut caused by protozoan Phytomonas sp.*

10:20 - 11:20 h *Coffee Break* - **Poster Session 9** (Versailles Lounge)

11:20 - 12:20 h **Lecture** ([Lectures.pdf](#)) (Louvre Lounge)

Coordinadora: **Jurema Schons** (UPF/ RS)

Guest: **Steven J. Roberts** (Plant Health Solutions - Inglaterra) - *Methods of eradication of seed-borne pathogens*

12:20 - 13:30 h Lunch

13:30 - 14:30 h **Oral Session 3** (Louvre II Lounge)

13:30 - 14:30 h **Oral Session 4** (Louvre III Lounge)

13:30 - 14:30 h **Oral Session 5** (*Louvre IV Lounge*)

14:30 - 15:30 h **Lecture** ([Lectures.pdf](#)) (*Louvre Lounge*)

Coordinator: **Francisco José Lima Aragão** (Embrapa - Recursos Genéticos e Biotecnologia/ DF) – *Applied transgenic approach in Plant Pathology*

15:30 - 16:30 h *Coffee Break* - **Poster Session 10** (*Versailles Lounge*)

16:30 - 17:30 h **Oral Session 6** (*Louvre II Lounge*)

16:30 - 17:30 h **Oral Session 7** (*Louvre III Lounge*)

16:30 - 17:30 h **Oral Session 8** (*Louvre IV Lounge*)

17:30 - 18:30 h **Meeting SBF** (*Louvre Lounge*)

18:30 - 19:30 h **Closing Ceremony** (*Louvre Lounge*)

FRIDAY: 07 AUGUST 2009

Tourist Excursions