



FINAL CONFERENCE

April 3rd, 4th & 5th, 2022

• Corsica •

in person and online
registration required



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FINAL CONFERENCE

Day 1 - April 3, 2022 - Grapevine Yellows

2pm CET

- 1. Overview of grapevine yellows in the world.**
- Assunta Bertaccini, Nicola Fiore, Johan Burger, Marina Dermastia - 14:00-14:15
- 2. The aster yellows disease associated with grapevine yellows in South African vineyards.**
- Ané van der Vyver, Lucan Page, Manuela Campa, Johan Burger - 14:15-14:30
- 3. Phytoplasmas prevalence in grapevine in Chile.**
- Nicola Fiore, Nicolas Quiroga, Alan Zamorano, Camila Gamboa, Ana María Pino, Álvaro Muñoz - 14:30-14:45
- 4. Diversity of phytoplasmas associated with grapevine yellows in several Italian regions.**
- Nicoletta Contaldo, Assunta Bertaccini - 14:45-15:00
- 5. Genome-informed design of a LAMP assay for specific detection of aster yellows phytoplasmas occurring in grapevines in South Africa.**
- Špela Alič, Marina Dermastia, Johan Burger, Matthew Dickinson, Gerhard Pietersen, Gerhart Pietersen jr., Tanja Dreo - 15:00-15:15
Break 15:15-15:30
- 6. A new ELISA test for monitoring the GY-FD disease in field samples.**
- Luisa Filippin, Luciana Galetto, Valeria Trivellone, Vito Elicio, Cristina Marzachi, Elisa Angelini - 15:30-15:45
- 7. Suitability of IFAS test to detect phytoplasmas associated with grapevine yellows.**
- Nicoletta Contaldo, Lilia Formica, Assunta Bertaccini - 15:45-16:00
- 8. New epidemiological aspects of phytoplasmas infecting grapevine in Chile.**
- Nicolas Quiroga, Alan Zamorano, Camila Gamboa, Ana María Pino, Nicola Fiore - 16:00-16:15
- 9. Aster yellows phytoplasma in grapevine in South Africa: insect vectors and management and alternative host plants.**
- Kerstin Krüger, Gerhart Pietersen jr., Gerhard Pietersen, Michael Stiller, Gert Engelbrecht G., Rochelle Janse van Rensburg, Assunta Bertaccini.
Break 16:30-16:45
- 10. Looking for the genetic traits underlying resistance to grapevine yellows.**
- Sofia Casarin, Paolo Bagnaresi, Tiziana Maria Sirangelo, Nadia Bertazzon, Luisa Filippin, Daniele Migliaro, Nunzio D'Agostino, Francesca Taranto, Cinzia Montemurro, Luigi Cattivelli, Manna Crespan, Elisa Angelini - 16:45-17:00
- 11. Identification and production of antimicrobial peptides: preliminary trials against colonies containing phytoplasmas.**
- Manuela Campa, Nicoletta Contaldo, Du Preez van Staden, Camilla Barbieri, Assunta Bertaccini, Johan Burger - 17:00-17:15
- 12. Economic and social analysis of the proposed innovations against grapevine yellows in grapevine: case studies in TROPICSAFE participating countries.**
- Sonia Marongiu, Lilia Formica, Luca Cesaro - 17:15-17:30
- 13. Composition of microbiomes in grapevine yellows phytoplasma infected hosts.**
- Mogens Nicolaisen, Nicoletta Contaldo, Francesco Pacini, Assunta Bertaccini - 17:30-17:45





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Day 2 - April 4, 2022 - "Huanglongbing"

2pm CET

FINAL VIDEO - 14:00-14:15

1. HLB spreading and impact worldwide.

- Leandro Pena - 14:15-14:35

2. A comic strip on HLB to the attention of the young public: origin, making-of and dissemination.

- Cecile Morillon, Hervé Rabillé, Patrick Ollitrault, Raphael Morillon - 14:35-14:45

3. Development of 'Candidatus Liberibacter africanus' specific LAMP and PCR.

- Gerhard Pietersen, Gerhart Pietersen jr., Ronel Roberts - 14:45-15:00

Break 15:15-15:30

4. Trial transmission of 'Candidatus Liberibacter asiaticus' by Diaphorina citri to citrus plants in Cuba.

- Maritza Luis-Pantoja, Camilo Paredes-Tomas, Jorge Luis Rodriguez-Tapia - 15:15-15:30

5. Transmission tests of 'Candidatus Liberibacter asiaticus' by Diaphorina citri to Persian and Mexican lemon in Tabasco, Mexico.

- Eder Ramos, Carlos Fredy Ortiz, Marilyn Izquierdo, Julia Lesher - 15:30-15:45

6. Classical biological control of the "huanglongbing" vector Trioza erytrae in Europe.

- Alejandro Tena - 15:45-16:00

7. Contribution of the eradication of diseased plants in the management of "huanglongbing" in Cuba.

- Maritza Luis-Pantoja, Camilo Paredes-Tomás, Daylé López-Hernández, Lochy Batista-Le Riverend - 16:00-16:15

8. "Huanglongbing" management in Guadalupe.

- Marcin Maéva, Youri Uneau - 16:30-16:45

Break 16:30-16:45

9. Characterization of the determinants associated with the better tolerance to "huanglongbing" in citrus polyploids.

- Gary Sivager, Leny Calvez, Saturnin Bruyere, Rosiane Boisne-Noc, Pierre Brat, Barbara Hufnagel, Gerardo Cebrián-Torrejón, Antonio Doménech-Carboo, Olivier Gros, Patrick Ollitrault, Raphael Morillon - 16:45-17:00

10. Phytoplasma detection in "huanglongbing"-infected citrus in the Caribbean.

- Assunta Bertaccini, Camilo Paredes-Tomás, Youri Uneau, Wayne Myrie, Raphael Morillon, Maritza Luis-Pantoja - 17:00-17:15

11. Economic and social analysis of the proposed innovations against "huanglongbing" in citrus: case studies in TROPICSAFE participating countries.

- Sonia Marongiu, Luca Cesaro, Maritza Luis-Pantoja - 17:15-17:30

12. Composition of microbiomes in "huanglongbing" infected hosts.

- Mogens Nicolaisen, Nicoletta Contaldo, Francesco Pacini, Giulia Feduzi, Maritza Luis-Pantoja, Youri Uneau, Camilo Paredes-Tomas, Assunta Bertaccini - 17:30-17:45



Day 3 - April 5, 2022 - Lethal yellowing

2pm CET

1. Overview of lethal yellowing disease in the world.

- Wayne Myrie, Egya Ndede Yankey, Fabian Pilet, Matthew Dickinson, Carlos Oropeza, Assunta Bertaccini - 14:00-14:15

2. The 16SrXXII-B phytoplasma in palms, insects, and alternative hosts in Ghana.

- Egya Ndede Yankey, Sebastian Andoh-Mensah, Felix Owusu-Bremang, Jennifer Natasha Aikins, Holly Brown, Matthew Dickinson - 14:15-14:30

3. LAMP diagnostics for detection of coconut lethal yellowing type diseases in Africa.

- Matthew Dickinson, Egya Ndede Yankey - 14:30-14:45

4. Genetic diversity of 'Candidatus Phytoplasma palmicola' in Ghana and Mozambique.

- Fabian Pilet, Custódio Daniel Mendes, Egya Ndede Yankey, Lopes Manuel Parrique, Isaac Newton Attivor, Joe Nkansah-Poku, Antonia Yaz - 14:45-15:00

Break 15:00-15:15

5. Genomic screening for tolerance of coconut populations differentially exposed to coconut's lethal yellowing in Ghana, using GBS.

- Andrea Garavito-Guyot, Ronan Rivallan, Luc Baudouin, Egya Ndede Yankey - 15:15-15:30

6. Update on the presence of 16SrIV phytoplasmas in coconut and alternative host plants in Mexico.

- Eder Ramos, Carlos Fredy Ortiz, María Narváez, Germán Nic-Matos, Pablo Palma, Carlos Oropeza - 15:30-15:45

7. Quantitative PCR diagnostics for detection of the palm lethal yellowing diseases in America and Caribbean.

- Ivan Cordova, Graciano Puch-Hau, Germán Nic-Matos, Luis Sáenz, Carlos Oropeza - 15:45-16:00

8. Studies for the identification of vectors of palm lethal yellowing phytoplasmas in Tabasco, Mexico.

- Carlos Fredy Ortiz, Eder Ramos, Yesenia García, Saúl Sánchez, María Narváez, Carlos Oropeza - 16:00-16:15

Break 16:15-16:30

9. Identification of insect vectors of palm lethal yellowing phytoplasmas in Yucatan, Mexico.

- Iván Cordova, Miguel Fernández, Germán Nic-Matos, María Narváez, Luis Sáenz, Carlos Oropeza - 16:30-16:45

10. *Haplaxius crudus* and *Hortensia similis* potential insect vectors of lethal yellowing in Cuba.

- Maritza Luis-Pantoja, Camilo Paredes-Tomas, Jorge Luis Rodríguez-Tapia - 16:45-17:00

11. Transmission trials of lethal yellowing phytoplasmas carried out with *Oecleus mackaspringii*.

- Wayne Myrie, Brian W. Bahder, Erika E. Helmick, Charles R. Bartlett - 17:00-17:15

12. Resistance trials of plants of coconut varieties naturally exposed to palm lethal yellowing phytoplasmas in Tabasco and Yucatan.

- Ramón Castillo, Carlos Fredy Ortiz, María Narváez, Miguel Fernández, Nelson Torres, Rosario Enriquez, Marcela Vázquez, Maritza Luis-Pantoja, Camilo Paredes-Tomas, Wayne Myrie, Carlos Oropeza - 17:15-17:30

Break 17:30-17:45

13. Potential varieties for rehabilitating the coconut industry in Ghana.

- Egya Ndede Yankey, Linda Arhin, Frank Dampare, Elizabeth Tettey, Emmanuel Andoh-Mensah - 17:45-18:00

14. Homogeneity of the 16S rRNA genes in the coconut lethal yellowing phytoplasma in Jamaica: implication for its management.

- Wayne Myrie, Ericka E. Helmick, Assunta Bertaccini - 18:00-18:15

15. Economic and social analysis of the proposed innovations against lethal yellowing in coconuts: case studies in TROPICSAFE participating countries.

- Sonia Marongiu, Luca Cesaro, Egya Ndede Yankey, Enriquez R., Vázquez M. - 18:15-18:30

16. Composition of microbiomes in coconut lethal yellowing phytoplasma infected hosts.

- Mogens Nicolaisen, Nicoletta Contaldo, Maritza Luis-Pantoja, Youri Uneau, Egya Ndede Yankey, Camilo Paredes-Tomas, Maritza Luis-Pantoja, Wayne Myrie, Carlos Oropeza, Carlos Fredy Ortiz, Assunta Bertaccini - 18:30-18:45

