



Xylella fastidiosa

Workshop:

from diagnosis to management

Access: www.lea.esalq.usp.br/xylella-fastidiosa-workshop 

PROGRAM

Virtual and presencial sessions
August-September/2022

Objectives:

To provide an update on the phytopathogenic bacterium *Xylella fastidiosa*, its importance, host-plant interactions, transmission, management and certification, as well as training in techniques for cultivation and diagnosis of the bacterium; insect vector sampling, handling and rearing, transmission assays, and control tactics.

Target audience: researchers, professionals, growers and students

Format: virtual and in-person sessions

Virtual sessions (August-September/2022):

Zoom Platform – up to 300 attendees/session
Language: English

1. August 4: 10:30-13:00 h (São Paulo time zone)
2. August 11: 11:00-13:00 h (São Paulo time zone)
3. August 18: 11:00-13:00 h (São Paulo time zone)
4. August 25: 11:00-13:00 h (São Paulo time zone)
5. September 8: 11:00-13:00 h (São Paulo time zone)



[Registration for Virtual Sessions - Click here](#) 

Important note: To receive the certificate of participation, it will be necessary to participate in at least 3 days sessions.

Practical (in-person) sessions (September 5-7, 2022):

No. attendees: up to 20
Language: Portuguese or Spanish

- September 5-6: Center of Citriculture Sylvio Moreira (CCSM), Agronomic Institute (IAC), Cordeirópolis/SP, Brazil
- September 7: Insect Vector Laboratory, Department of Entomology and Acarology, Luiz de Queiroz College of Agriculture (Esalq)/University of São Paulo (USP), Piracicaba/SP, Brazil

[Registration for Practical Sessions until June 30](#)

[Click here](#) 

Xylella fastidiosa Workshop: from diagnosis to management

Virtual sessions

August 4 (10:30-13:00 h, São Paulo time zone):

- **Topic 1:** *Xylella fastidiosa* and its importance – Rodrigo Almeida, University of California – Berkely, USA
- **Topic 2:** Genetic diversity and taxonomy of *Xylella fastidiosa* – Alexandra Kahn, University of California – Berkeley, USA
- **Topic 3:** Mechanisms of pathogenicity and host resistance – Alessandra A. de Souza, IAC, Brazil

August 11 (11:00-13:00 h, São Paulo time zone):

- **Topic 4. Transmission mechanisms** – Alberto Fereres, CSIC, Spain
- **Topic 5: Diversity of insect vectors** - Susana Paradell, Museo de La Plata, Argentina
- **Topic 6: Vector population dynamics: case of Eastern Spain** – Francisco Beitia, IVIA, Spain
- **Topic 7: Natural enemies of the vectors** – Eduardo Virla, CONICET, Tucumán, Argentina

August 18 (11:00-13:00 h, São Paulo time zone):

- **Topic 8: Disease diagnosis** – Marie-Agnès Jacques, IRHS/INRAE, France
- **Topic 9: Disease monitoring** - Carlos Camino, JRC/European Commission, Italy

August 25 (11:00-13:00 h, São Paulo time zone):

- **Topic 10: Disease control: Californian case** – Rodrigo Krugner, USDA-ARS, USA
- **Topic 11: Disease control: Italian case** – Maria Saponari, IPSP/CNR, Italy
- **Topic 12: Disease control: Brazilian case** – Helvecio Coletta-Filho, IAC, Brazil

September 8 (11:00-13:00 h, São Paulo time zone)

- **Topic 13: Update status of *Xylella fastidiosa* in Central America** – Carlos Chacon, Universidad de Costa Rica, Costa Rica.
- **Topic 14: Regulatory measures in Europe** – Amparo Ferrer Matoses, SSV/Dirección General de Agricultura, Ganaderia y Pesca, Generalitat Valenciana, Spain.
- **Topic 15: Certification of *Xylella*-free areas and products** – Carles Escrivá Gonzáles, SSV/Dirección General de Agricultura, Ganaderia y Pesca, Generalitat Valenciana, Spain.





**PRACTICAL
PART /
PRESENCIAL
SESSIONS**

September 5

Center of Citriculture Sylvio Moreira (CCSM),
Agronomic Institute (IAC), Cordeirópolis, SP,
Brazil.

Coordination: Helvecio D. Coletta-Filho

Topics: Primary isolation techniques and
cultivation of *X. fastidiosa*; Detection methods:
visit to the Phytopathological Clinic of the
CCSM/IAC

September 6

Cordeirópolis, SP, Brazil.

Visits: CCSM/IAC citrus propagation material
production structure. Commercial citrus nursery.
Coordination: Helvecio D. Coletta-Filho

September 7

Dept. Entomology and Acarology, Luiz de
Queiroz College of Agriculture (ESALQ),
University of São Paulo (USP), Piracicaba, SP,
Brazil.

Coordination: João R.S. Lopes

Topics: Methods of collecting, handling, breeding
and identifying insect vectors; *X. fastidiosa*
transmission and insect vector behavior studies

Organization

- Departamento de Entomologia e Acarologia, Escola Superior de Agricultura “Luiz de Queiroz” (Esalq)/, Universidade de São Paulo
- Instituto Agrônomo (IAC), Secretaria Agricultura e Abastecimento do Estado de São Paulo

Support

- CYTED IBER-XYFAS- Red Iberoamericana para la vigilancia de *Xylella fastidiosa*