



3rd European conference on *Xylella fastidiosa*

*Building knowledge,
protecting plant health*

DAY 4 – Thursday 29 APRIL 2021 - 14.00-19.40 CEST

Opening ceremony and Introduction to the event	
14.00–14.15	Conference opening Bernhard Url , Executive Director, European Food Safety Authority
14.15-14.30	Introduction to the conference Giuseppe Stancanelli , Animal and Plant Health Unit, European Food Safety Authority
SESSION 1 <i>Advances on pathogen biology, ecology and genetics</i>	
Chairs: Ralf Koebnik (Plant Health Institute of Montpellier (PHIM), Institut de Recherche pour le Développement (IRD) (FR)) and Massimiliano Morelli (Institute for Sustainable Plant Protection (IPSP), National Research Council of Italy (IT))	
14.30-14.45	Aggressiveness of Spanish isolates of <i>Xylella fastidiosa</i> to almond cultivars Aina Baró , University of Girona (ES)
14.45-15.00	Assessing strain-level variation among type I restriction-modification systems and methylation patterns in <i>Xylella fastidiosa</i> Michael O’Leary , US Department of Agriculture, Agricultural Research Service (US)
15.00-15.05	A model & image based investigation of <i>Xylella fastidiosa</i> within host dynamics - <i>Young researchers’ initiative</i> Nancy Walker , Faculty of Engineering and Physical Sciences, University of Southampton (UK)
15.05-15.20	Q&A
15.20-15.25	Short break
15.25-15.40	Distribution dynamics of <i>Xylella fastidiosa</i> within almond tree organs through different physiological stages Ofir Bahar , Agricultural Research Organization – Volcani Center (IL)
15.40-15.55	Genome rearrangements of <i>Xylella fastidiosa</i> strains in US and updates on <i>X. taiwanensis</i> Jianchi Chen , US Department of Agriculture, Agricultural Research Service (US)
15.55-16.00	Application of phage display: development of tools to fight against <i>Xylella fastidiosa</i> - <i>Young researchers’ initiative</i> Favelin Nicolas , Génie Enzymatique et Cellulaire (CNRS UMR 7025), Université de Technologie de Compiègne (FR)
16.00-16.15	Q&A
16.15-16.30	The Arabidopsis immune receptor EFR confers immunity against <i>Xylella fastidiosa</i> Silke Robatzek , Ludwig Maximilians Universität München (DE)
16.30-16.45	<i>Xylella fastidiosa</i> biogeography and evolution: emerging insights and observations Rodrigo Almeida , University of Berkeley (US)



16.45-16.50	Csp1, a cold-shock protein homolog in <i>Xylella fastidiosa</i> is involved in stress response and biofilm formation - <u>Young researchers' initiative</u> Wei Wei , US Department of Agriculture, Agricultural Research Service (US)
16.50-17.05	Q&A
17.05-17.20	Coffee break

SESSION 2 <i>Understanding vectors biology and pathogen transmission</i>	
Chairs: Astrid Cruaud (French National Institute for Agriculture, Food, and Environment (INRAE) (FR)) and Saskia Hogenhout (John Innes Centre (UK))	
17.20-17.35	The association of Salicaceae and Aphrophoridae: a potential <i>Xylella fastidiosa</i> -based threatening pathosystem for European temperate areas Noemi Casarin , Université catholique de Louvain (BE)
17.35-17.50	Accounting for the climate tolerances of <i>Philaenus spumarius</i> is crucial when assessing <i>Xylella fastidiosa</i> -related disease outbreaks risk in Europe Martin Godefroid , Instituto de Ciencias Agrarias, Consejo Superior de Investigaciones Científicas (ICA-CSIC) (ES)
17.50-18.00	Q&A
18.00-18.05	Short break
18.05-18.20	Spread of <i>Xylella fastidiosa</i> by the glassy-winged sharpshooter in the San Joaquin Valley of California Mark Sisterson , US Department of Agriculture, Agricultural Research Service (US)
18.20-18.35	Understanding the epidemiological role of the vectors of <i>Xylella fastidiosa</i> in the Balearic Islands (Spain) by long-term macrocosm and microcosm studies Miguel Ángel Miranda , University of the Balearic Islands (ES)
18.35-18.45	Q&A
18.45-18.50	Short break
18.50-19.05	Modelling the population dynamics of <i>Philaenus spumarius</i> : a fully mechanistic approach Gianni Gilioli , Department of Molecular and Translational Medicine (DMMT), University of Brescia (IT)
19.05-19.10	Transmission of <i>Xylella fastidiosa</i> subsp. <i>pauca</i> to olive trees by sharpshooters and spittlebugs common in Brazilian orchards - <u>Young researchers' initiative</u> Joyce Adriana Froza , College of Agriculture "Luiz de Queiroz", University of São Paulo (BR)
19.10-19.15	DNA barcoding and assessment of the genetic diversity of the <i>Xylella fastidiosa</i> vectors in the Balearic Islands - <u>Young researchers' initiative</u> Sofía Delgado-Serra , University of the Balearic Islands (ES)
19.15-19.20	Microbial assemblages within <i>Philaenus spumarius</i> and their possible role on insect's reproduction - <u>Young researchers' initiative</u> Cristina Cameirão , Centro de Investigação de Montanha (CIMO), Instituto Politécnico de Bragança (PT)
19.20-19.40	Q&A
	End of first day