



Programme

**2nd European conference on
Xylella fastidiosa:
how research can support solutions
Ajaccio, 29th – 30th October 2019**

Monday 28th October 2019

18.00-21.00	Registration and posters hanging <i>Hall d'exposition Napoléon Bonaparte</i>
19.00-21.00	Welcome and networking cocktail offered by POnTE project to all participants of the 2nd European conference on Xylella fastidiosa <i>Hall d'exposition Napoléon Bonaparte</i>
20.00-20.15	Opening ceremony <i>Hall d'exposition Napoléon Bonaparte</i>





Ajaccio 29th - 30th October 2019

DAY 1 - Tuesday 29th October

07.30 - 09.00	Registrations and poster hanging	
09.00 - 10.30	Opening session	Auditorium Pascal Paoli
10.30 - 11.00	Coffee/Tea break	Restaurant Tino Rossi
11.00 - 13.00	Session 1: Biology and pathogenicity I	Auditorium Pascal Paoli
13.00 - 14.00	Lunch	Restaurant Tino Rossi
14.00 - 16.00	Session 2: Vectors I	Auditorium Pascal Paoli
	Session 3: Detection	Room Sampiero Corso
16.00 - 16.30	Coffee/Tea break	Restaurant Tino Rossi
16.30 - 18.30	Session 4: Ecology, Epidemiology and modelling	Auditorium Pascal Paoli
	Session 5: Vectors II	Room Sampiero Corso
18.45 - 21.00	Cocktail and Poster session	

DAY 2 - Wednesday 30th October

08.30 - 10.30	Session 6: Risk and impact assessment	Auditorium Pascal Paoli
10.30 - 11.00	Coffee/Tea break	Restaurant Tino Rossi
11.00 - 13.00	Session 7: Surveillance	Auditorium Pascal Paoli
	Session 8: Biology and pathogenicity II	Room Sampiero Corso
13.00 - 14.00	Lunch	Restaurant Tino Rossi
14.00 - 16.00	Session 9: Sustainable control measures	Auditorium Pascal Paoli
16.00 - 16.30	Coffee/Tea break	Restaurant Tino Rossi
16.30 - 18.30	Final session: What achievements and new research targets for control of <i>X. fastidiosa</i> ?	Auditorium Pascal Paoli

DAY 3 - Thursday 31st October

08.00 - 16.00	Field visit
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DAY 1 – Tuesday 29th October 2019

07.30-09.00	Registration and posters hanging <i>Hall d'exposition Napoléon Bonaparte</i>	
OPENING SESSION - Auditorium Pascal Paoli Chair: Claude Bragard , Chair of EFSA Plant Health Panel		
09.00-09.10	Welcome to the conference	Julien Paolini University of Corsica Pasquale Paoli (FR)
09.10-09.20	Introduction to the conference	Claude Bragard Chair of EFSA Plant Health Panel
09.20-09.50	Advances in molecular and ecological studies for the control of <i>Xylella fastidiosa</i>	Steven Lindow University of California Berkeley (US)
09.50-10.00	Q&A	
10.00-10.20	Major results and challenges of the EU H2020 POnTE project on the control of <i>Xylella fastidiosa</i>	Donato Boscia Institute for Sustainable Plant Protection (IPSP) of the National Research Council of Italy (CNR) (IT)
10.20-10.30	Q&A	
10.30-11.00	Coffee/Tea break – Restaurant Tino Rossi	
SESSION 1: Biology and pathogenicity I – Auditorium Pascal Paoli Chair: Maria Saponari , Institute for Sustainable Plant Protection (IPSP) of the National Research Council of Italy (CNR) (IT)		
11.00-11.15	Understanding the potential origin and epidemiological consequences of the Spanish outbreaks caused by <i>Xylella fastidiosa</i> subspecies <i>multiplex</i>	Blanca Landa Institute of Sustainable Agriculture (IAS-CSIC) (ES)
11.15-11.20	Q&A	
11.20-11.35	Evolutionary history of <i>Xylella fastidiosa</i> based on comparative genomics	Marie-Agnès Jacques Institut National de la Recherche Agronomique (INRA) (FR)
11.35-11.40	Q&A	
11.40-11.55	Insights into differential responses of olive cultivars to <i>Xylella fastidiosa</i> infections	Pasquale Saldarelli Institute for Sustainable Plant Protection (IPSP) of the National Research Council of Italy (CNR) (IT)
11.55-12.00	Q&A	
12.00-12.15	Extent and ecological significance of homologous recombination in <i>Xylella fastidiosa</i>	Leonardo De La Fuente Auburn University (US)
12.15-12.20	Q&A	

12.20-12.35	Can genome sequences tell us anything worthwhile about <i>Xylella fastidiosa</i> ecology?	Rodrigo Almeida University of California Berkeley (US)
12.35-12.40	Q&A	
12.40-13.00	<i>Questions and discussion</i>	
13.00-14.00	<i>Restaurant Tino Rossi</i>	
SESSION 2: Vectors I – Auditorium Pascal Paoli		
Chair: João R.S. Lopes , Dept. Entomology and Acarology University of São Paulo/ESALQ (BR)		
14.00-14.15	Reduction in vector acquisition and transmission efficiency of <i>Xylella fastidiosa</i> subsp. <i>pauca</i> by blocking the afimbrial protein XadA2	João R.S. Lopes , Dept. Entomology and Acarology University of São Paulo/ESALQ (BR)
14.15-14.20	Q&A	
14.20-14.35	Reconstruction of the plant-vector trophic networks involved in the spread of <i>Xylella fastidiosa</i> through hybrid capture	Jean-Yves Rasplus Institut National de la Recherche Agronomique (INRA) (FR)
14.35-14.40	Q&A	
14.40-14.55	Mark-recapture experiments to estimate the dispersal capacity of <i>Philaenus spumarius</i>	Anna Simonetto University of Brescia (IT)
14.55-15.00	Q&A	
15.00-15.15	Phenology and host-plant association of spittlebugs in Mediterranean olive groves	Domenico Bosco University of Torino (IT)
15.15-15.20	Q&A	
15.20-15.35	Use of vibrations to manipulate the behaviour of the meadow spittlebug <i>Philaenus spumarius</i>	Sabina Avosani University of Trento (IT)
15.35-15.40	Q&A	
15.40-16.00	<i>Questions & discussion</i>	
16.00-16.30	Coffee/Tea break - Restaurant Tino Rossi	
SESSION 3: Detection - Room Sampiero Corso		
Chair: Françoise Petter , European and Mediterranean Plant Protection Organization (EPPO)		
14.00-14.15	Novel and high-throughput diagnostic procedures to detect <i>Xylella fastidiosa</i> in planta and vectors developed within PONTE project	Françoise Poliakoff Agence Nationale de Sécurité Sanitaire de l'Alimentation, de l'Environnement et du Travail (ANSES) (FR)
14.15-14.20	Q&A	

14.20-14.35	New tetraplex qPCR assays for simultaneous detection and identification of <i>Xylella fastidiosa</i> subspecies in plant tissues	Enora Dupas Agence Nationale de Sécurité Sanitaire de l'Alimentation, de l'Environnement et du Travail (ANSES) (FR) Institut National de la Recherche Agronomique (INRA) (FR)
14.35-14.40	Q&A	
14.40-14.55	Validation of real-time PCR assays for the specific detection of each <i>Xylella fastidiosa</i> sub-species	Jennifer Cole Fera Science Ltd (Fera) (UK)
14.55-15.00	Q&A	
15.00-15.15	A quick and efficient method for detection of <i>Xylella fastidiosa</i> in olive plants based on tissue-print	Helvecio della Coletta-Filho Campinas Agronomic Institute (IAC), APTA Citrus Sylvio Moreira Center (BR)
15.15-15.20	Q&A	
15.20-15.35	Optimization of sampling and testing procedures for detecting <i>Xylella fastidiosa</i> in large lots of plants for planting and nursery stocks	Giuliana Loconsole University of Bari Aldo Moro (IT)
15.35-15.40	Q&A	
15.40-16.00	Questions & discussion	
16.00-16.30	Coffee/Tea break - Restaurant Tino Rossi	
SESSION 4: Ecology, epidemiology and modelling - Auditorium Pascal Paoli		
Chair: Rodrigo Krugner, Agricultural Research Service (ARS, USDA) (US)		
16.30-16.45	Temperature determines growth and biofilm formation of <i>Xylella fastidiosa</i> strains in vitro	Juan A. Navas-Cortés Institute for Sustainable Agriculture (IAS-CSIC) (ES)
16.45-16.50	Q&A	
16.50-17.05	Developing a spatial epidemiological model to estimate <i>Xylella fastidiosa</i> dispersal and spread	Daniel Chapman University of Stirling (UK)
17.05-17.10	Q&A	
17.10-17.25	An epidemiological model for the short-range spread of <i>Xylella fastidiosa</i> and the assessment of eradication management measures	Gianni Gilioli University of Brescia (IT)
17.25-17.30	Q&A	
17.30-17.45	Risk maps and risk-based surveillance for early detection of <i>Xylella fastidiosa</i> in continental France	Davide Martinetti Institut National de la Recherche Agronomique (INRA) (FR)
17.45-17.50	Q&A	

17.50-18.05	The spreading of <i>Xylella fastidiosa</i> subsp. <i>pauca</i> among the olive orchards of Southern Italy (Apulia)	Enrico Bucci Sbarro Health Research Organization (SHRO)- Temple University (US)
18.05-18.10	Q&A	
18.10-18.30	<i>Questions & discussion</i>	
SESSION 5: Vectors II – Room Sampiero Corso		
Chair: Michael Maixner , Federal Research Centre for Cultivated Plants, Julius Kühn Institute (JKI) (DE)		
16.30-16.45	Insights into the transmission dynamics of <i>Xylella fastidiosa</i> by <i>Philaenus spumarius</i>	Daniele Cornara Institute of Sustainable Agriculture (IAS-CSIC) (ES)
16.45-16.50	Q&A	
16.50-17.05	A barcode database to identify the vectors of <i>Xylella fastidiosa</i> in Europe	Jean-Claude Streito Institut National de la Recherche Agronomique (INRA) (FR)
17.05-17.10	Q&A	
17.10-17.25	Detection, identification and surveillance of <i>Xylella fastidiosa</i> on vectors in France	Amandine Cuntz Agence Nationale de Sécurité Sanitaire de l'Alimentation, de l'Environnement et du Travail (ANSES) (FR)
17.25-17.30	Q&A	
17.30-17.45	Transmission characteristics of <i>Xylella fastidiosa</i> subsp. <i>pauca</i> (ST53) by <i>Philaenus spumarius</i> and <i>Cicadella viridis</i>	Nicola Bodino University of Torino (IT)
17.45-17.50	Q&A	
17.50-18.00	Flight behaviour of <i>Philaenus spumarius</i> , the main vector of <i>Xylella fastidiosa</i>	Clara Lago Institute of Sustainable Agriculture (IAS-CSIC) (ES)
18.00-18.10	Host plant affiliation of xylem-feeders within Central Europe	Anna Markheiser Julius Kühn Institute (JKI) (DE)
18.10-18.30	<i>Questions & discussion</i>	
18.45-21.00	Cocktail and Poster session - Hall d'exposition Napoléon Bonaparte	
19.00-20.00	Presentation of posters with odd numbers	
20.00-21.00	Presentation of posters with even numbers	

DAY 2 – 30th October 2019

SESSION 6: Risk and impact assessment – Auditorium Pascal Paoli		
Chair: Blanca Landa, Higher Council for Scientific Research (CSIC) (ES)		
08.30-08.45	Monitoring the impact of <i>Xylella</i> on Apulia's olive orchards using Sentinel-2 satellite data and aerial photographs	Pieter Beck Joint Research Centre (JRC), European Commission (EC)
08.45-08.50	Q&A	
08.50-09.05	An updated assessment of the risks to plant health posed by <i>Xylella fastidiosa</i> in the EU territory	Stephen Parnell Salford University (UK)
09.05-09.10	Q&A	
09.10-09.25	Potential impact of <i>Xylella fastidiosa</i> subsp. <i>pauca</i> in European olives: a bio-economic analysis	Kevin Schneider Wageningen University & Research (NL)
09.25-09.30	Q&A	
09.30-09.45	Estimating the economic, social and environmental impacts of European priority pests: a joint project for EFSA and JRC and the case study of <i>Xylella fastidiosa</i>	Berta Sánchez Joint Research Centre, European Commission (JRC) and Olaf Mosbach-Schulz European Food Safety Authority (EFSA)
09.45-09.50	Q&A	
09.50-10.05	Living with <i>Xylella</i> : The dynamics of knowledges within <i>X. fastidiosa</i> "sociopathosystems" in Puglia and Corsica	Christian Colella University of Milano-Bicocca (IT)
10.05-10.10	Q&A	
10.10-10.30	Questions & discussion	
10.30-11.00	Coffee/Tea break - Restaurant Tino Rossi	
SESSION 7: Surveillance – Auditorium Pascal Paoli		
Chair: Philippe Reignault, Agence Nationale de Sécurité Sanitaire de l'Alimentation, de l'Environnement et du Travail (ANSES) (FR)		
11.00-11.15	Targeting surveillance for <i>Xylella fastidiosa</i> in Europe: an epidemiological basis	Alexander Mastin University of Salford (UK)
11.15-11.20	Q&A	
11.20-11.35	Spatio-temporal monitoring of <i>Xylella fastidiosa</i> in olive trees using radiative transfer models and Sentinel-2 images	Alberto Hornero Swansea University (UK)
11.35-11.40	Q&A	
11.40-11.55	A survey in Israel reveals the presence of <i>Xylella fastidiosa</i> in almond trees in the northern part of the country	Ofir Bahar Agricultural Research Organization (ARO) (IL)
	Q&A	

12.00-12.15	Optimization of the delimiting survey strategies for <i>Xylella fastidiosa</i> in the demarcated area in Alicante	Elena Lázaro Hervás Instituto Valenciano de Investigaciones Agrarias (IVIA) (ES)
12.15-12.20	Q&A	
12.20-12.35	EFSA tool kit for <i>Xylella fastidiosa</i> risk based surveillance in the EU Member States	Sybren Vos European Food Safety Authority (EFSA)
12.35-12.40	Q&A	
12.40-13.00	<i>Questions & discussion</i>	
13.00-14.00	Lunch break - Restaurant Tino Rossi	
SESSION 8: Biology and pathogenicity II – Room Sampiero Corso		
Chair: Marie-Agnès Jacques, Institut National de la Recherche Agronomique (INRA) (FR)		
11.00-11.15	Spatial distribution and genetic structure of <i>Xylella fastidiosa</i> subsp. <i>pauca</i> in Olive trees in Southeast Brazil	Nagela Safady Centro de Citricultura Sylvio Moreira (CCSM-IAC) (BR) Federal University of São Carlos (UFSCar) (BR)
11.15-11.20	Q&A	
11.20-11.35	Cultivar susceptibility and temperature-dependent recovery of <i>Xylella fastidiosa</i> -infected grapevines	Lindsey Burbank Agricultural Research Service (USDA) (US)
11.35-11.40	Q&A	
11.40-11.55	Phenotypic characterization of two Spanish strains of <i>Xylella fastidiosa</i> subsp. <i>multiplex</i> ST6 differing in plasmid content	Miguel Román-Écija Institute for Sustainable Agriculture (IAS-CSIC) (ES)
11.55-12.00	Q&A	
12.00-12.15	Ancestral state reconstructions of <i>Xylella fastidiosa</i> -host plant relationships	Alexandra Kahn University of California Berkeley (US)
12.15-12.20	Q&A	
12.20-12.35	Rethinking the <i>Xylella fastidiosa</i> scenario in the Balearic Islands: what epidemiological, phylogenetic and dendrochronological data tell us	Eduardo Morelejo Empresa de Transformación Agraria (Tragsa) (ES)
12.35-12.40	Q&A	
12.40-13.00	<i>Questions & discussion</i>	
13.00-14.00	Lunch break - Restaurant Tino Rossi	
SESSION 9: Sustainable control measures – Auditorium Pascal Paoli		
Chair: Rodrigo Almeida, University of California Berkeley (US)		
14.00-14.15	The VSPP, a voluntary certification programme to produce healthier plants for planting in the EU	Camille Picard European and Mediterranean Plant Protection Organization (EPPO)
14.15-14.20	Q&A	

14.20-14.35	N-acetyl-cysteine for controlling <i>Xylella fastidiosa</i> in citrus and olive: understanding the differences to improve management	Alessandra de Souza Centro de Citricultura Sylvio Moreira (CCSM-IAC) (BR)
14.35-14.40	Q&A	
14.40-14.55	Further acquisition on the response of a large number of olive cultivars to infections caused by <i>Xylella fastidiosa</i> subsp. <i>pauca</i> , ST53	Donato Boscia Institute for Sustainable Plant Protection (IPSP) of the National Research Council of Italy (CNR) (IT)
14.55-15.00	Q&A	
15.00-15.15	Strategies for reducing vector populations and transmission of <i>Xylella fastidiosa</i> in olive groves	Crescenza Dongiovanni Centro di Ricerca, Sperimentazione e Formazione in Agricoltura "Basile Caramia" (CRSFA) (IT)
15.15-15.20	Q&A	
15.20-15.30	Understanding the olive microbiome of susceptible and resistant cultivars for sustainable biocontrol	Paula Baptista Polytechnic Institute of Bragança (IPB) (PT)
15.30-15.40	Assessment of <i>Paraburkholderia phytofirmans</i> PsJN biocontrol potential against <i>Xylella fastidiosa</i> 'De Donno' strain in olive	Massimiliano Morelli Institute for Sustainable Plant Protection (IPSP) of the National Research Council of Italy (CNR) (IT)
15.40-16.00	<i>Questions & discussion</i>	
16.00-16.30	Coffee/Tea break- Restaurant Tino Rossi	
FINAL SESSION: What achievements and new research targets for control of <i>X. fastidiosa</i>? Discussion with stakeholders and conference conclusions <i>Auditorium Pascal Paoli</i> Chair: Giuseppe Stancanelli , European Food Safety Authority (EFSA)		
16.30-16.45	European Farmers' and Agri-Cooperatives' point of view on next research priorities for control of <i>X. fastidiosa</i>	Luc Peeters Chair of Phytosanitary Questions working group, COPA-COGECA
16.45-17.05	<i>Discussion with all the conference Chairs</i>	
17.05-17.20	European Nurseries' point of view on next research priorities for control of <i>X. fastidiosa</i>	Josep M. Pagès European Nurserystock Association (ENA)
17.20-17.40	<i>Discussion with all the conference Chairs</i>	
17.40-17.55	Risk managers' point of view on next research priorities for control of <i>X. fastidiosa</i>	Pasquale Di Rubbo European Commission, DG SANTE
17.55-18.15	<i>Discussion with all the conference Chairs</i>	



18.15-18.30	Final conclusions	Claude Bragard Chair of EFSA Plant Health Panel
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DAY 3 – 31st October 2019

08.00-16.00	Field visit organised by CNBC-OEC and INRA
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