



International Symposium IUFRO on Pine Wilt Disease « PWD2020 »

Schedule

Monday 22 November 2021

TIMES			Speaker	Title	Session
UTC + 01:00	UTC + 08:00	UTC + 09:00			
Central European Time	China time	Japan and Korea times			
08:30 - 08:50	15:30 - 15:50	16:30 - 16:50	Christelle ROBINET	IUFRO presentation and start of this symposium	
08:50 - 09:10	15:50 - 16:10	16:50 - 17:10	Etsuko SHODA-KAGAYA	Pine wilt disease and its vectors spread in Tohoku, Japan - progress over fourteen years	Situation of the pine wood nematode
09:10 - 09:30	16:10 - 16:30	17:10 - 17:30	Katsunori NAKAMURA-MATORI	What regulates the temporal pattern of pine wilt disease incidence in a stand under cool climate conditions?	
<i>Break</i>					
10:00 - 10:20	17:00 - 17:20	18:00 - 18:20	Hyerim HAN	Current situation of the pine wilt disease in South Korea	
10:20 - 10:40	17:20 - 17:40	18:20 - 18:40	Yong-Xia Li	Current situation of the pine wilt disease in China	
10:40 - 11:00	17:40 - 18:00	18:40 - 19:00	Edmundo SOUSA	The pine wilt disease: 20 years of containment in Portugal and 10 of eradication in Spain	





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08:30 - 08:50	15:30 - 15:50	16:30 - 16:50	Jean-Claude GREGOIRE	Modelling the distribution of <i>Monochamus</i> spp. in Europe - a contribution to risk analysis	Insect vectors
08:50 - 09:10	15:50 - 16:10	16:50 - 17:10	Hervé JACTEL	Dispersal of <i>Monochamus galloprovincialis</i> , insect vector of the pine nematode, across heterogeneous landscapes	
09:10 - 09:30	16:10 - 16:30	17:10 - 17:30	Christelle ROBINET	Modelling the flight trajectories of <i>Monochamus galloprovincialis</i> in heterogeneous landscapes	
<i>Break</i>					
10:00 - 10:20	17:00 - 17:20	18:00 - 18:20	Géraldine ROUX	From past to contemporary movements in <i>Monochamus galloprovincialis</i> , the European PWN vector : how molecular markers improve our understanding of dispersal from macro- to micro-evolutionary scales.	Host trees and development of the pine wilt disease
10:20 - 10:40	17:20 - 17:40	18:20 - 18:40	Haru KIRINO	Molecular mimicry: the parasitic strategy of the pine wood nematode <i>Bursaphelenchus xylophilus</i>	
10:40 - 11:00	17:40 - 18:00	18:40 - 19:00	Raquel DIAZ	Galician <i>Pinus pinaster</i> breeding program to control the Pinewood Nematode	



Direction Régionale de l'Alimentation, de l'Agriculture et de la Forêt du Centre-Val de Loire

correspondant observateur Département de la santé des forêts



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Wednesday 24 November 2021

TIMES			Speaker	Title	Session	
UTC + 01:00	UTC + 08:00	UTC + 09:00				
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08:30 - 08:50	15:30 - 15:50	16:30 - 16:50	Sota OZAWA	First report on isolating <i>Bursaphelenchus</i> nematodes from the reproductive system of <i>Monochamus saltuarius</i> under field conditions	Interactions	
08:50 - 09:10	15:50 - 16:10	16:50 - 17:10	Joana CARDOSO	Host tree-pine wood nematode interactions: proteomic approaches		
09:10 - 09:30	16:10 - 16:30	17:10 - 17:30	Hui SUN	Microbiome of <i>Pinus thunbergii</i> naturally infected by nematode <i>Bursaphelenchus xylophilus</i>		
break						
10:00 - 10:20	17:00 - 17:20	18:00 - 18:20	Marisa GASPAR	Impact of the pinewood nematode on naturally-emitted volatiles and scCO ₂ extracts from <i>Pinus pinaster</i> branches: a comparison with <i>P. pinea</i>		
10:20 - 10:40	17:20 - 17:40	18:20 - 18:40	Claudia VICENTE	Nematode-Mycobiota interactions in Pine Wilt Disease		
10:40 - 11:00	17:40 - 18:00	18:40 - 19:00	WP board	Meeting of the WP board and election of the new coordinator		





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Thursday 25 November 2021

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UTC + 01:00	UTC + 08:00	UTC + 09:00			
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08:30 - 08:50	15:30 - 15:50	16:30 - 16:50	Sybren VOS	Pest survey card on <i>Bursaphelenchus xylophilus</i>	Management
08:50 - 09:10	15:50 - 16:10	16:50 - 17:10	Luis BONIFACIO	Monitorization and control of Pinewood Nematode and <i>Monochamus galloprovincialis</i> populations. Constraints and innovations	
09:10 - 09:30	16:10 - 16:30	17:10 - 17:30	Kazuyoshi FUTAI	Let's control the surrounding trees together with the dead ones!	
<i>Break</i>					
10:00 - 10:20	17:00 - 17:20	18:00 - 18:20	Vasco MANTAS	Detecting pine wilt disease using earth observation data: results from a machine-learning approach	
10:20 - 10:40	17:20 - 17:40	18:20 - 18:40	Marian-Daniel IORDACHE	Airborne remote sensing for pine wilt disease monitoring in the framework of the FOCUS project	
10:40 - 11:00	17:40 - 18:00	18:40 - 19:00	Martin SCHROEDER	A strategy for delimiting of pine wood nematode infested area under non-symptomatic conditions	





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Friday 26 November 2021

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UTC + 01:00	UTC + 08:00	UTC + 09:00			
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08:30 - 08:50	15:30 - 15:50	16:30 - 16:50	Nico HORN (speaker to be confirmed)	EPPO activities concerning Pine Wood Nematode	Management
08:50 - 09:10	15:50 - 16:10	16:50 - 17:10	Lucie MICHEL (will represent Marie GROSDIDIER)	Plant health survey based on risk - Focus on pine wood nematode	
09:10 - 09:30	16:10 - 16:30	17:10 - 17:30	Oleg KULINICH	Recent research on pine wood nematode in Russia	
<i>Break</i>					
10:00 - 10:20	17:00 - 17:20	18:00 - 18:20	Max BLAKE	Pine Wilt Disease and the situation in United Kingdom	
10:20 - 10:40	17:20 - 17:40	18:20 - 18:40	Christer MAGNUSSON	Monitoring for the presence of pine wood nematode in Norway	
10:40 - 11:00	17:40 - 18:00	18:40 - 19:00	Gunnar ISACSSON	Improve the survey of PWN with training of forest workers	

