

Day 4 **Open Conference: Global Plant Health Assessment**

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FRIDAY

Title	Start time	duration	theme	speaker (and discussants if panel)
	9.00	30	Introduction	speaker to be confirmed
<b>Climate change and plant disease</b>				Manjari Singh (GPBUAT) and Discussants
	9.30	40	<b>Panel: short presentation(s) and discussion</b> How is climate change affecting plant disease and plant pathogens? Is it only indirectly? Or also directly?	
<b>Plant health and global food security</b>				A. Nelson (ITC, U Twente, The Netherlands) and Discussants
	10.10	40	<b>Panel: short presentation(s) and discussion</b> What are the processes through which plant health affects food security? Which food security components are affected? Are the impacts uniform? Why?	
Break	10.50	20	Coffee break	
<b>Plant health as part of "OneHealth"</b>				D. Andrivon (INRAE, France)
	11.10	30	<b>Lecture</b> Plant health in relation with human and ecosystem health	
<b>The Economy of Plant Health</b>				P. Schreinemachers (WorldVeg Center, Thailand) and Discussants
	11.40	40	<b>Panel: short presentation(s) and discussion</b> What is the cost of plant disease? What is the cost of disease management? The cost of losses? The social, cultural losses?	
<b>Molecular knowledge of plant disease and food security</b>				M.H. Lebrun (CNRS/INRAE, BioGer, Grignon, France)
	12.20	30	<b>Lecture</b> Reflexions of a molecular pathologist on the state of plant diseases and their evolution in today's world.	
Lunch	12.50	40	Lunch	
<b>Plant disease emergencies</b>				A. Mikaberidze (U Reading, UK) and Discussants
	13.30	40	<b>Panel: short presentation(s) and discussion</b> Why is it that some diseases emerge? Become pandemics? How frequent is this? Are emergencies truly more frequent today and if so, why?	
<b>Population genetics and biodiversity: of the host, of the pathogen</b>				B.A. McDonald (ETH, Zürich, Switzerland) and Discussants
	14.10	40	<b>Panel: short presentation(s) and discussion</b> How diversity of the pathogen is shaped by the genetic diversity of host(s)? To what extent? Is this a way to control of disease? Why would it succeed? When will it fail?	
<b>Assessing plant disease risks</b>				A. Djurle (SLU, Uppsala, Sweden)
	14.50	30	<b>Lecture</b> Methods to characterize and quantify plant disease risks	
Break	15.20	20	Coffee break	
<b>Successes and failures of IPM</b>				V. Rossi (Unicatt, Piacenza, Italy) and Discussants
	15.40	40	<b>Panel: short presentation(s) and discussion</b> IPM is the main avenue for sustainable disease management in a changing climate and revolutionised economy. Where does it succeed? Where does it fail? Why?	
<b>Plant diseases in the networks of life and of societies</b>				K. Garrett (U. Florida, USA)
	16.20	30	<b>Lecture</b> The connected networks of social, ecological, economical, cultural, and disease components of plant health	
<b>Policies and Plant Health</b>				J. Yuen (SLU, Uppsala, Sweden)
	16.50	30	<b>Lecture</b> The policies of plant health protection: what futures, where? how?	
	17.20	15	Closing remarks	Members of the GPHA Coordination Group