

Preliminary MSc/PhD-course “Plant Protection Biology to meet the UN’s Sustainable Development Goals”, SLU-P0065, August 3 – 14, 2020 Pieve Tesino, Italy

Course schedule Updated: 4 Feb 2020

Organisers: LTV-faculty SLU Alnarp, MSC-ITN PROTECTA, ELLS

Date	Time	Items	Teachers	Location
Monday Aug 3	Morning	Arrival		
	Lunch 13:00-13:30	Introduction and Instructions	EALex	
	13.30 – 15.00	Short poster presentation about own research area	All	
	15.00 – 16.00	Short history of plant protection	EALex	
	17.00 – 17.30	Poster presentations continued	All	
	18.00 –	Introduction to the “case study”	EALex	
Tuesday Aug 4	09.00– 12:00	Biology of plant pathogenic fungi	HJ	
	Lunch 13.00 – 16.00	Pathogenic oomycetes	LGB	
	16.00 – 17.30	Group discussions/Literature seminar	All	

Wednesday Aug 5	09.00 – 11.00	Plant pests	SA	
	11.00 – 12:00	Plant-insect interactions and pollinators	SA	
	Lunch 13.00 – 15.00	Forest protection strategies	KR	
	15.00 – 17.00	Weeds and weed management	GR	
	19.00 – 21.00	ELLS meeting		
Thursday Aug 6	09.00 – 10.30	Pathogen-mycorrhiza interactions	KHA	
	10.30 – 12.00	Why do we have insect and herbicide, but not pathogen resistant transgenic plants?	DBC	
	Lunch 13-14:30 14:30 - 17.00	Group discussion/Literature seminar Policy-SDGs Intro	AMV	
	18:00-22:00	Protecta annual meeting		
Friday Aug 7	9.00 – 12:00	Management-Policy-SDGs	AMV	
	Lunch 13.00 – 17.00	Policy-SDGs	AMV	
	18:00 – 22:00	Protecta annual meeting cntd		

Saturday Aug 8	09.00 – 17.00	Excursion with farm visit + wine tasting + restaurant	MT	
Sunday Aug 9	09.00 – 12.00 Lunch 15:00-17:00	Self studies - case study + policy-SDGs preparations <i>Hike in the mountains</i>		
Monday Aug 10	09.00 – 12.00 Lunch 14.00 – 17.00	Molecular aspects of disease resistance Student presentations policy-SDGs	EAlex/SR AMV	
Tuesday Aug 11	09.00 – 10.00 10.30 – 12.00 Lunch 13.00 – 14.00 14.00 – 17:00	Induced resistance for plant protection New methods for improved host resistance/Fungicides – low risk compounds Group discussions/Literature seminar Climate change, modelling and plant pathogens including modelling lab	EAlex/SR EAlex/SR All VL	
Wednesday Aug 12	09.00 – 11:00 11.00 – 12.00 Lunch 13.00 – 15.00 15.00 – 16.00 16.00 – 18.00	Biological control: concepts, status and possibilities Alp ecosystems Ecological systems/Conservation biological control Group discussions/Literature seminar Study time	MT MT MT/AMV All	

Thursday Aug 13	09.00 – 10.00	Climate change and the plant immune system/ Brief introduction to remote and proximal sensing in plant protection	EALex	
	11.00 – 12.00	Study time		
	Lunch 14.00 – 17:00 17:30 – 18:00	Student presentations of case study and final discussions Course evaluation	EALex/SR	
	Evening	Party		
Friday Aug 14		Travels		

Invited teachers:

AMV - Anna Maria Vettriano, Unitus

DBC – David B. Collinge, University of Copenhagen, Denmark

GH - Gerhard Rolands

HJ – Hans Jørgen Lyngs Jørgensen, University of Copenhagen, Denmark

KR- Karolina Resnerova, Czech University of Life Sciences Prague

KHA - Karin Hage-Ahmed, BOKU, Austria

VL – Veiko Lehsten, Lund University, Sweden

SA- Sergio Angeli, Free University of Bozen-Bolzano

SLU-teachers:

EALex – Erik Alexandersson

EAnd – Erik Andreasson

LGB – Laura Grenville Briggs

MT – Marco Tasin

SR – Svante Resjö