

Programme of the 15th EAS Basic Course on Aerobiology, 6-10 September 2021

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	Sunday 5 th	Monday 6 th Sciensano main site	Tuesday 7 th Botanical Garden Jean Massart	Wednesday 8 th Botanical Garden Jean Massart	Thursday 9 th Botanical Garden Jean Massart	Friday 10 th Botanical Garden Jean Massart				
Arrival of the students and teachers	9:00-10:00	Registration	8:30-9:45	(L) Demonstration of Hirst sampling method + Lanzoni equipment	8:30-9:15	(L) Aerobiological networks, database, pollen reports (G. Oliver)	8:30-9:30	(PE) Pollen identification Juglans, Plantago, Rumex, Poaceae, Amaranthaceae, Urticaceae	8:30-9:30	(PE) Hirst spore trap: Preparation of drums and slides from air samples at the botanical garden
	10:00-10:10	Opening of the course	9:45-10:45	(PE) Pollen identification Alnus, Corylus, Betula, Ostrya	9:15-10:00	(L) Basic statistics applied to aerobiology (C. Galán)	9:30-10:15	(L) Seasonal and short-term forecasting (M. Sofiev)	9:30-10:30	(PE) Final revisions
	10:10-11:00	(L) Introduction to Aerobiology, Aerodynamics, Pollen sampling (M. Smith)	10:45-11:00	Coffee/tea break	10:00-10:15	Coffee/tea break	10:15-10:30	Coffee/tea break	10:30-10:45	Coffee/tea break
	11:00-11:45	(L) Direct sampling of aeroallergens and new methods in aerobiology (C. Skjoth)	11:00-12:00	(PE) Pollen identification Carpinus, Populus, Ulmus, Cupressaceae	10:15-11:15	(PE) Pollen identification Salix, Fraxinus, Olea, Brassicaceae, Ligustrum, Cyperaceae	10:30-11:15	(L) Automatic real-time monitoring (B. Sikoparija)	10:45-11:15	Theoretical test exam
	12:00-12:30	Visit of the <i>Mycology & Aerobiology</i> unit at Sciensano			11:15-12:00	(L) Methods of analysis by molecular biology (C. Skjoth)	11:15-12:00	(L) Demonstration from Swisens AG	11:15-12:30	Practical test exam
	12:30-13:30	Lunch in the garden	12:00-13:30	Lunch in the garden	12:00-13:45	Barbecue in the garden	12:00-13:30	Lunch in the garden	12:30-13:30	Lunch in the garden
	13:30-14:15	(L) Phenology and Aerobiology (C. Galán)	13:30-14:15	(L) Allergy to pollen and fungal spores: clinical aspect (G. Oliver)	13:45-16:15	Guided tour of the Botanical Garden Jean Massart	13:30-14:05	(PE) Pollen identification Iva, Asteraceae Liguliflorae, Artemisia, Ambrosia, Solidago, Xanthium	13:30-14:30	Presentation of Certificates, Comments, Conclusion
	14:15-14:30	Coffee/tea break	14:15-15:15	(PE) Pollen identification Pinus, Picea, Quercus, Fagus, Platanus, Castanea			14:05-14:30	(L) Demonstration from Information in Images Ltd		
	14:30-15:30	(L) Pollen structure and morphology (G. Frenguelli)	15:15-16:30	(L) Meteorological aspect of pollen dispersal and modelling (C. Skjoth)	16:15-19:00	Visit of Brussels city centre	14:30-15:15	(L) Introduction to mycology (D. Stubbe)		
	16:00	Icebreaking Belgian beer	16:30-16:45	Coffee/tea break			15:15-15:30	Coffee/tea break		
16:45-17:15			(L) EN16868: a new standard (C. Galán/G. Oliver)	15:30-16:15			(L) Morphology of fungal spores (G. Frenguelli)			
17:15-18:00			(L) Quality control in aerobiology analysis (C. Galán)	16:15-17:45			(PE) Fungal spores identification			
					19:30	Social dinner				

(L) = Lecture (PE) = Practical Exercise

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