UNIVERSITY OF LATVIA

79th International Scientific Conference of the University of Latvia

Aerobiology, climate change and Covid-19

Friday, **29 January 2021, 10.00 AM (UTC+2)**,

https://zoom.us/j/9414952429

Meeting ID: 941 495 2429

Programme

	10.00–10.05 Opening: Olga Sozinova, Laimdota Kalniņa	
	10.05–10.30 *Invited speaker*: *Prof. Mikhail Sofiev* *Finnish Meteorological Institute, Helsinki, Finland*	
10.30-11.30	**1. Godfrey Phillam Apangu,** *University of Worcester, UK*	Sentinel-2 satellite shows that local cereal harvesting substantially contributes to peak *Alternaria* spore concentrations in Central-Northern Europe
	2. Łukasz Grewling, *Adam Mickiewicz University, PL*	Long-range transport of *Alternaria* spores to Poland
	3. Carl Alexander Frisk, *University of Worcester, UK*	Local and Regional Grass Pollen Distribution Identified using HYSPLIT and Statistical Modelling Approaches
	4. Olha Kaminska, *National Pirogov Medical University, UA*	Study of fungal spores associated with different pollen types
	5. **Annika Saarto,** *University of Turku, FI*	Ragweed prospects in Finland
	11:30-11:50 Coffee break, discussions	
11.50-13.20	**6. Olena Palamarchuk,** *National Pirogov Medical University, UA*	Pollen sensitization rates based on molecular assessment
	7. Victoria Rodinkova, *National Pirogov Medical University, UA*	Pollen information utility during the pandemics and beside it
	8. Magdalena Wójcik, *University of Rzeszów, PL*	Are there the quantitative differences in airbone fungal spores in SE Poland over 20 years?
	9.Barbora Werchan, *German Pollen Information Service, DE*	Pollen monitoring in Germany - 20 years of the new millenium
	10. **Nicolas Bruffaerts,** *Belgian Institute for Health, Belgium, BE*	Long-term pollen monitoring in the Benelux: Evaluation of allergenic pollen levels and temporal variations of pollen seasons
	11. Willem W. Verstraeten, Royal Meteorological Institute of Belgium, BE	38 years of modelled airborne birch pollen levels in Belgium
	12. Maryna Yasniuk, *National Pirogov Memorial Medical University,UA*	Impact of pandemics on people with pollinosis in Ukraine using the example of sales of antihistamines
	13.20-14.00 Lunch, discussions	
14.00-15.15	**13. Mika Komppula,** *Finnish Meteorological Institute, FI*	Pollen detection with lidar
	14. Juan Jesús Hidalgo Barquero, *University of Extremadura, ES*	Towards an integrated air quality index based on chemical pollutants and biological parameters
	15. Aydan Acar Şahin, *Ankara University, TR*	The effects of environmental drivers on the seasonal grass pollen dynamics in the inner part of the Anatolian Peninsula
	16. Zuzana Vašková, *Comenius University in Bratislava, SK*	Is airborne pollen concentration a sufficient proxy for grass pollen exposure?
	17. Mykyta Bortnyk, National Pirogov Medical University / Vasyl' Stus Donetsk National University, UA	Impact of climate change on fungal spores season in Ukraine
	18. **Moisés Martínez Bracero**, Technological University of Dublin, IE	First study on airborne fungal spores at Dublin, Ireland
	15.15-16.00 Discussions	

REGISTERED **LISTENERS**

1	**Evgeny Kadantsev**	Researcher, MSc	Finnish Meteorological Institute. Finland	Pollen recognition
2	**Julia Palamarchuk**	Researcher, Dr	Finnish Meteorological Institute, Finland	Automatic pollen monitoring and modelling
3	**Stephanie Bohlmann**	PhD student	Finnish Meteorological Institute, Finland	Pollen, remote sensing
4	**Letty De Weger**	Senoior Researcher	Leiden University Medical Center, NL	Allergy, Aerobiology, Climate change
5	**Carmen Galan**	Professor, Researcher	University of Cordoba, Spain	Aerobiology, Phenology, Palynology
6	**Akshi Goyal**	PhD Research scholar	Panjab University, India	Pollen, GIS, Meteorology
7	**Paloma Carinanos**	Associate professor	University of Granada, Spain	Bioaerosols, climate change
8	**Xiaoxia Shang**	Researcher, PhD	Finnish Meteorological Institute, Finland	Atmosphere, environment
9	**Beverley Adams-Groom**	Senior Palynologist and Pollen Forecaster	University of Worcester, UK	Palynology, Pollen forecast
10	**Clot Bernard**	Head Biometeorology	Federal Office of Meteorology and Climatology MeteoSwiss, Swiss	Biometeorlogy
11	**Kristiāna Jansone**	Bachelor student	University of Latvia	Geography
12	**Alexander Kurganskiy**	Postdoctoral Fellow	University of Exeter, UK	Pollen modelling
13	**Barbara Majkowska-Wojciechowska**	Dr, Academic teacher	. Medical University of Lodz, Poland	Aerobilogy, epidemiology of allergy
14	**Maria Plaza**	Post-doc	Helmholtz Zentrum München. Universität Augsburg, Germany	Automatic pollen monitors, Pollen distribution
15	**Rocío López-Orozco**	PhD student, Specialist Technician -	University of Cordoba, Spain	Aerobiology
16	**María de las Mercedes, Rojas-Gómez**	PhD student-	University of Cordoba, Spain	Aerobiology and climate change
17	**María del Carmen, Torres-Serrato**	Specialist Technician, Dr	University of Cordoba, Spain	Aerobiology and climate change
18	**Sanna Pätsi**	Project researcher	University of Turku, Finland	Aerobiology
19	**Matt Smith**	Lecturer, PhD	University of Worcester, UK	Geography/Environmental Science
20	**Pia Viuf Ørby**	Post-doctoral researcher	Aarhus University	Pollen, health and environmental science
21	**Carsten Ambelas Skjøth**	Professor	University of Worcester	Atmospheric Sciences
22	**Kuzmicheva Evgeniya**	Senior Researcher	Russian Academy of Sciences	Modern pollen