



81st International Scientific
Conference of the
University of Latvia 2023

Current stage and future perspectives of bioaerosol research in Europe

Wednesday, 1st February 2023, 10.00 AM (UTC+2), online
Thursday, 2nd February 2023, 10.00 AM (UTC+2), online

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Programme

1 st February 2023 9.30 – Technical check-up if necessary (sound, screen sharing, etc.)		
1 st February 2023 Chair: Dr. Olga Sozinova		
10.00–10.10	Olga Sozinova, Latvia	Opening
10.10–10.45	Prof. Mikhail Sofiev, Finland	Lecture: Towards integrated and automated bioaerosol monitoring and assessment systems
10.45–11.00	Willem Verstraeten, Belgium	The emission sources in airborne birch pollen modelling
11.05–11.20	Athanasios Charalampopoulos, Greece	Airborne pollen in urban parks in Thessaloniki, Greece: pollen taxa and concentrations and associated allergy risks
11.25-11.35	Olha Kaminska, Ukraine	Regional sensitivity to ambrosia and artemisia pollen in Ukraine.
Coffee break, discussions (?)		
12.00-12.10	Paula Eliza Titane, Latvia	Distribution of common ragweed (ambrosia artemisiifolia) plant and pollen in Latvia and factors affecting them
12.10-12.30	Victoria Rodinkova, Ukraine	Aerobiology in Ukraine: outcomes of the war
12.35 – 12.50	Kacper Sobieraj, Poland	Detecting plane trees in the city using open access remote sensing data: chances and challenges.
2 nd February 2023 9.30 – Technical check-up if necessary (sound, screen sharing, etc.)		
2 nd February 2023 Chair: Dr. Olga Sozinova		
10.00–10.05	Olga Sozinova, Latvia	News and instructions
10.05–10.25	Prof. Carsten Skjoth, Denmark	eDNA analysis of pollen and spores from central England during 2016-18
10.30 – 10:45	Dr. Muhammad Farooq, Pakistan	Health risks associated with fungal aeroallergens at public places after Covid-19 pandemic
10.50–11.05	Carl Frisk, Norway	Exploring Allergenic Pollen in the Norwegian Atmosphere
11.05–11.15	Maryna Yasniuk, Ukraine	Longer, later, higher: changes in Betula pollen season in Ukraine from 2009 to 2022
Coffee break, discussions (?)		
11.50-12.05	Lukasz Grewling, Poland	Trends in Alternaria and Cladosporium spore seasons in Poznan, Poland during 1996-2020.
12.10-12.20	Mykyta Bortnyk, Ukraine	Regional specifics of fungal sensitization in Ukraine
12.20 – 12.35	David O'Connor, Ireland	A Modified Spectroscopic Approach for the Real-Time Detection of Pollen and Fungal Spores at a Semi-Urban Site Using the WIBS-4+
12.40 – 12.55	Isidora Simovic, Serbia	Quantification of airborne fungal spores during wheat harvest season by traditional and automatic measurements
Closing by Olga Sozinova		