



83rd International Scientific
Conference of the
University of Latvia 2025

Interdisciplinarity of bioaerosol research

Thursday, 30th January 2025, 10.00 AM (UTC+2), online

ZOOM Meeting ID: 940 9914 7411

Passcode: 867780

Link: <https://lu-lv.zoom.us/j/94099147411?pwd=7WBidiaeZsQbkuHEc8cLRaM0qWzDjY.1>

Programme

30 th January 2025 9.30 (UTC +2) – Technical check-up if necessary (sound, screen sharing, etc.)		
30 th January 2025 Chair: Dr. Olga Sozinova		
10.00– 10.10	Olga Sozinova Latvia	Opening
10.10– 10.50	Prof. Mikhail Sofiev Finland	Keynote lecture: Towards automatic bioaerosol monitoring network in Europe: technology, organization, steps forwards.
10.50– 11.10	Ewa Przedpelska-Wasowicz Iceland	Evaluation and Comparison of Grass Pollen Measurement Accuracy in Iceland: Poleno Mars vs. Hirst in Akureyri (3 Years) and Reykjavik (1 Year)
11.10– 11.30	Willem Verstraeten Belgium	Scaling down birch and grass pollen emission sources for use in SILAM
11:30 – 12:00 Break, online discussions		
12.00– 12.20	Lukasz Grewling Poland	Pollen and fern spore seasons in Southeast Asia
12.20– 12.40	Oleksiy Kremenskiy, Ukraine	The Impact of Climate Change and Environmental Factors on the Pollination of Stinging Nettle (<i>Urtica dioica</i>) in Vinnytsia
12.40 – 13.00	Matúš Žilka Slovakia	Urban vs. Rural Airborne Fungal Spore Variability in Slovakia
13.00 – 13.20	Viktoria Rodinkova Ukraine	Patients' sensitisation to environmental allergens - new combinations and insights
13:20-13:50 Break, online discussions		
13.50 – 14.10	Klervi Vandenbossche France	Impact of Environmental Stressors on Birch Pollen Allergenicity and Fertility in Northern France
14.10 – 14.30	Yana Reznik Ukraine	Spore calendar for Vinnytsia, Ukraine
14.30 – 14.50	Natália Štefániková Slovakia	Long-Term Pollen Season Trends Of Fraxinus, Quercus And Ambrosia Artemisiifolia As Indicators Of Anthropogenic Climate Change Impact
14.50. – 15.10	Julia Palamarchuk Finland	CAMS pollen forecasts in Europe: prediction quality for season 2022
15.10. – 15.30	Olga Sozinova Latvia	AI-augmented ecosystem for Earth Observation data accessibility with Extended reality User Interfaces for Service and data exploitation: use case
Closing, discussions		