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|  | **Challenges of modern aerobiology**  Wednesday, 3**1st January 2023, 10.00 AM (UTC+2)**, online  BigBlueButton:  **https://bbb.lu.lv/b/olg-slj-44y-tht**  Access code: **396141** |

**Programme**

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| **31st January 2024 9.30 (UTC +2) – Technical check-up if necessary (sound, screen sharing, etc.)** | | |
| **31st January 2024** *Chair: Dr. Olga Sozinova* | | |
| *10.00–10.10* | Olga Sozinova,  Latvia | Opening |
| *10.10–10.40* | **Prof. Mikhail Sofiev,**  **Finland** | Keynote lecture: **Challenges of modern aerobiology** |
| *10.40–10.55* | Olha Kaminska  Ukraine | The flowering seasons of Betula spp and Poaceae partially coincide in Ukraine, reflecting the effect of climate change |
| *10.55–11.10* | Carl Frisk,  Norway | Exploring the Influence of Spatiotemporal and Meteorological Variation on Norwegian Atmospheric Pollen |
| *11.10-11.25* | Dilys Berman,  South Africa | Qualitative and quantitative analysis of pollen spectrum in the atmosphere of seven South African cities |
| *11.25-11.40* | Kinga Wiśniewska,  Poland | Cyanobacteria and microalgae in the coastal air: insights from a 5-year study in the Gulf of Gdańsk Region |
| ***11:40 – 12:00 Coffee break, online discussions*** | | |
| *12.00-12.15* | Kristiana Jansone  Latvia | Free radicals in pollen, catkins and in associated soil samples |
| *12.15-12.30* | Tetiana Kuchenko,  Ukraine | Patterns of Weed Sensitization and Internet User Interests suggest a need of public health education in Ukraine |
| *12.30 – 12.45* | Thalia Morales Roja,  Spain | Aerobiological study of the town of Hinojosa del Duque, Córdoba, Spain |
| *12.45 – 13.00* | Viktoria Rodinkova  Ukraine | Fungi-sensitive Individuals of Vinnytsia Region, Ukraine are responsive to Alt a 1 mostly and can experience symptoms for 4 months |
| *13.00 – 13.15* | Frank Harald Neumann, South Africa | Ecological and allergenic significance of atmospheric pollen in North-West Province (South Africa) over a one-year period |
| *13.15 – 13.30* | Godfrey P. Apangu,  United Kingdom | Relationship between airborne Alternaria alternata and Alternaria spp. spores |
| ***13:30-14:00 Coffee break, online discussions*** | | |
| *14.00 – 14.15* | Qasim Farooq,  Spain | First insights on APS-300 for airborne Olea pollen monitoring in the Mediterranean area |
| *14.15 – 14.30* | Jerry Hourihane Clancy,  Ireland | WIBS-4+ bioaerosol sensor: an assessment of its intended-use, and an evaluation of alternative aerosol applications |
| *14.30 – 14.45* | Ljiljana Šašić Zorić, Jelena Jović, Serbia | Evaluation of air sampling methods for DNA-based aerobiome diversity assessment |
| *14.15 – 15.00* | Astha Tiwari,  Belgium | Holography-based aerobiological monitoring: a 2-year intercomparison campaign versus the standard Hirst method in Brussels, Belgium |
| *15.00 – 15.15* | Gemma Davis,  Ireland | Sensing and Monitoring of Airborne Real-Time Pollen |
| *15.15. – 15.30* | Ewa Przedpelska-Wasowicz, Iceland | Icelandic Odyssey: Navigating Challenges in Modern Aerobiology through the Transition from Manual to Automatic Pollen Monitoring Systems |
| ***15:30-16:00 Coffee break, discussions*** | | |
| *16.00 – 16.15* | Maryna Yasniuk  Ukraine | Pattern of sensitization to PR-10 in Ukraine suggests a long period of potential tree pollen allergy |
| *16.15 – 16.30* | Ngoc Thi Pham, Poland | Allergenic potential of urban green spaces, case study from Poznań, Poland (Central Europe) |
| *16.30 – 16.45* | Nikola Djubina, Latvia | Clean and polluted pollen analysis by Scanning Electron Microscope |
| *16.45 – 17.00* | Relebogile Keneilwe Podile,  South Africa | Characterizing the aerospora and ambient particulate matter over Potchefstroom during the period (13 March- 26 March 2023) |
| *17.00 – 17.15* | Oliwia Wieczorek,  Poland | Allergenicity of Cupressales pollen grains |
| *17.15 – 17.30* | Julia Palamarchuk  Finland | Long-term pollen season shift as the response to the climate change |
| *17.30 – 17.45* | Olga Sozinova  Latvia | Personalized pollen allergy symptom forecasts over Europe |
| ***Closing, discussions*** | | |