

EUROPEAN SYMPOSIUM ON AEROBIOLOGY (ESA) - SPECIFICATIONS

SYMPOSIUM RATIONALE

Aerobiology is the study of airborne biological particles passively transported in the air, considering their sources, release, dispersion, deposition and impacts. It has many applications including human health (e.g. allergy and the spread of airborne diseases), agriculture (e.g. phytopathology) and phenology (e.g. effect of climate change). The European symposium on Aerobiology has been organized since 1993, as the response to the growing interest in the scientific diffusion of the work on aerobiology. It is an interdisciplinary symposium that would be of interest to scientists from a range of different disciplines, such as aerosol physicists, botanists, chemists, climatologists, engineers, epidemiologists, environmental scientists, forensic scientists, meteorologists, microbiologists, mycologists, palynologists, physicians, plant pathologists, statisticians, veterinarians and others. The symposium is organized under the patronage of the European Society on Aerobiology EAS.

1. INTENDED TOPIC OUTCOMES

The general topics on this symposium are:

Agronomy and Forestry Application
Airborne fungal spores
Airborne Microorganisms
Airborne pollen
Basic Aerobiology
Bioaerosols
Climate Change
Cultural Heritage
Environmental Pollution
Forecasting and Modeling
Forensic Sciences
Green Urban Spaces
Indoor Aerobiology
Melissopalynology
Molecular Aerobiology
New Methods for Detection and Analysis
Plant Phenology
Phytopathology
Ragweed
Etc.

2. ASSESSMENT DETAILS:

The symposium must be organized by a university, a researching institute or a center working on Aerobiology.

3. SCIENTIFIC SPECIFICATIONS

4.1: Main core session

The main core session is on 4-5 days, it must contain lectures, demonstration, forum, exhibition, etc.

The lectures are on the aerobiology topics:

- Aerobiology
- Aerodynamic particle sampling
- Pollen and spores samplers and aeroallergen samplers
- Pollen structure and morphology

- Fungal spore structure and morphology
- Plant identification and taxonomy
- Pollen and spores development, Biology and Function
- Aerobiological terms
- Data storage
- Health impact of pollen and molds exposure
- Climate change: the effect on airborne pollen and spores concentrations
- Modeling and forecasting techniques in aerobiology
- Basic statistics applied to Aerobiology
- Quality Assurance and Quality Control in aerobiology
- EAS, IAA
- Etc.

4.2: Scientific aspect

The organization should have a local organizing committee, an advisory committee and a scientific committee.

4. LOGISTICAL SPECIFICATIONS

5.1: Location

The symposium must be organized by a member of EAS working in a university or researching institute or center with a topic in aerobiology. The symposium must be located in a place reachable by public transport at less than 2 hours of an international airport. The location of the symposium, the accommodations of the lecturers and the participants must be close to same venue, in different type of hotels or residences for student accommodation.

5.2: Duration and Time-table

The symposium may contain two kinds of sessions:

- Plenary session which could be organized from a Monday morning to a Friday afternoon
- If needed, parallel session during the same time

Social program such as Welcome ceremony, Gala dinner, excursion, etc. must be integrated in the program.

5.3: Venue for the symposium (100 to 200 participants)

The location for the symposium must permit enough places for the sessions (plenary and parallel) and the exhibition. The rooms must be equipped with video projection, etc.

5.4: Accommodations of participants

They must have single or double rooms in a hotel or residence not too far from the venue of the symposium. The level of comfort should be options to choose a hotel class/comfort from not less than 3 - 4 stars.

5.5: Accommodations for young aerobiologists

Young aerobiologists must have possibility to stay in hostel type single or double rooms with toilets and bathroom in a location near the symposium location. They must have Wi-Fi connection in the rooms.

5. BUDGET

- The fee for the ESA should be in the range of 500-700 euros per person, so that participants from all countries can attend. The fee should include the following:
- VAT INCLUDED – all bank transfer charges should be paid by the participant. Bank account should be left free of any bank charges. The use of an international bank card will be privileged
- The registration fees include the attendance to the scientific sessions, attending material, certificate of attendance and certificate of participation for the presented communications (oral/poster). Coffee

breaks, work lunches and official dinner, tourist info and the guided tour may be totally or partially included in the fees.

- Students must be accredited with a letter from the organizer of the Symposium or a person in charge of proving the attendance of the student. This letter must be sent to the Technical Secretariat of the Symposium
- Participants will receive a bill or a receipt for the amount paid.
- The organizer must send a budget (before the symposium) and a balance sheet after the symposium. If any deficit, the EAS will not cover it. It is expected that any surplus or part of benefits will be made available to the EAS.
- The EAS will pay for a number of student's grants covering the symposium fees for supporting the participation of young aerobiologists. The decision about the number is taken by the EAS committee.