



PAAS2017
Palynology-Aerobiology-
Allergy Symposium

Thursday, 26.10.2017

Afternoon Session: **Keynote presentations** 14:00-16:15

Chairs: Uwe Berger and Karl-Christian Bergmann

- 14:00-14:15 Carmi Geller-Bernstein - Symposium Opening: What is our meeting about?
- 14:15-14:45 Carmi Geller-Bernstein - Relation between pollen concentrations, clinical symptoms and threshold values.
- 14:45-15:15 Karl-Christian Bergmann - Symptomatic treatment in hay fever and pollen asthma – from the past to now.
- 15:15-15:45 Reinhard Zetter - From rock to palynomorphs – the single-grain method and its impact on palaeopalynology
- 15:45-16:15 Carsten Skjøth - Linking Grass Pollen Biodiversity and Human Health: an Environmental Genomic Approach.

Friday, 27.10.2017

Session 1 09:00-10:10

The visual world of pollen - from fossil to recent.

Chairs: Reinhard Zetter and Maximilian Kmenta

- 09:00-09:20 Fridgeir Grimsson - Affiliating fossil pollen to extant taxa – some extraordinary examples from the Upper Cretaceous and Cenozoic.
- 09:20-09:40 Christa Hofmann - The necessity of using SEM routinely in palaeopalynology – examples from the Lower Cretaceous to the Bronze Age.

09:40-10:10 Johannes M. Bouchal - Fossil pollen from the Miocene of Anatolia.

10:10-10:30 Lukas Dirr - Pollen walls.

10:30-11:00 COFFEE BREAK

11:00-11:20 Martina Weber - Forensic palynology.

11:20-11:40 Silvia Ulrich - PalDat, Pollen Database

Session 2 11:40-14:20

Pollen science and monitoring

Chairs: Jeroen Buters and Markus Gassner

11:40-12:10 Petr Kuneš - Pollen/vegetation calibrations and their use in interpreting fossil pollen spectra.

12:10-12:30 Rosa Garcia-Munoz - Aerobiology in Oaxaca City. Pollen count 3 years long through Hirst Trap.

12:30-13:00 Letty De Weger - Pollen Sampling by Handheld Samplers Followed by Next Generation Sequencing Analysis.

13:00-14:20 LUNCH BREAK AND POSTER VIEWING

Session 3 14:20-16:30

Pollen monitoring

Chairs: Carmen Galan and Carsten Skjøth

14:20-14:40 Maximilian Kmenta - The European Aeroallergen Network's pollen database: new features.

14:40-15:00 Carmen Galan - Quality control.

15:00-15:20 Irena Agnieszka Pidek - Pollen Monitoring Program (PMP).

15:20-15:40 Jeroen Buters - Validation of a network of pollen traps.

15:40-16:00 Olga Ritenberga - Statistical forecasting modelling of pollen.

Saturday, 28.10.2017

Session 1 09:00-10:50

Medical allergy science

Chairs: Kalliopi Kontou Fili and Isabella Annesi-Maesano

09:00-09:30 Isabella Annesi-Maesano - Pollen Effects on health.

09:30-10:00 Kalliopi Kontou-Fili - What we know about the allergenic flora of the Pre-Volcano island, Santorini.

10:00-10:20 Barбора Werchan - Urban vegetation in the context of palynology and allergology.

10:20-10:50 COFFEE BREAK

Session 2 10:50-14:00

Allergology

Chairs: Nancy Agmon-Levin and Dorota Myszkowska

10:50-11:20 Nancy Agmon-Levin - Clinical aspects of pollen immunotherapy.

11:20-11:50 Dorota Myszkowska - Cross reactivity between pollen and food allergens-joined scope of aerobiological and medical activity.

11:50-12:20 Markus Gassner - Aerobiology and Prevention: agriculture, migration, economy, adaptation.

12:20-14:00 LUNCH BREAK AND POSTER VIEWING

Session 3 14:00-16:30

Pollen and Symptoms, Pollen and Modelling

Chairs: Uwe Berger and Katharina Bastl

14:00-14:10 Katharina Bastl - The use of symptom data in pollen forecasting.

14:10-14:30 Uwe Berger - The use of the Patient's Hayfever Diary in Europe.

14:30-14:50 Gilles Oliver - Patient's Hayfever Diary in France

14:50-15:10 Mikhail Sofiev - New frontier in atmospheric pollen modelling: running out of empirics

15:10-15:30 Yuliia Palamarchuk - Copernicus use case: model-based Personal Allergy Symptom Forecasting

15:30-15:50 Andreas Pauling – Ambrosia pollen forecasts with COSMO-ART

15:50-16:00 Closing remarks