

Monday June 22nd

Session 1 – Indoor Pollutants and Microbiome Dynamics

Moderator:

Artur Badyda (Warsaw University of Technology, WUT)

Keynote Speaker:

Stefan Schumacher (Institut für Umwelt
& Energie, Technik & Analytik e.V.
(IUTA))

*Air Cleaning Technologies for Particles,
Gases, and Microorganisms: Principles,
Effectiveness, and Limitations*

13:30-14:00

Oral presentations:

Alberto Rodriguez
CIEMAT

Assesment of VOCs in Urban
*Transitional Enviroments: seasonal
monitoring in a metro station and
public market in Barcelona*

14:00-14:15

Maria Sol Montaluisa
Universidad de Valladolid (UVa)
*Integrated Plant-Microbe Mechanisms
Driving VOC Removal in Botanical
Filtration Systems*

14:15-14:30

Sofya Pozdniakova
ISGlobal

14:30-14:45

Adam Muszyński
Warsaw University of Technology
(WUT)
*Microbes and PAHs in Indoor Air of
Polish Schools*

14:45-15:05

Marta Sacristán
Universidad de Valladolid (UVa)
*Impact of Summer Outdoor Pollution
and Heatwaves on Bedroom Indoor Air
Quality in Social Housing*

15:05-15:20

Session 2-Health Outcomes and Clinical Evidence Related to IAQ

Moderator:

Josep Roca (Fundació de Recerca Clínic Barcelona - Institut d'Investigacions Biomèdiques August Pi i Sunyer (FRCB-IDIBAPS))

Keynote Speaker:

Alicia Armentia
Allergy Unit
Hospital Universitario Río Hortega.
University of Valladolid. Spain
*Allergy in children to illicit drugs,
tobacco and alcohol* 15:20-15:50

Oral presentations:

Maria del Mar Barbero
Universidad Politécnica de Madrid
*Does a high air infiltration rates
improve at indoor air quality?* 15:50-16:05

Hanns Monshammer
Medical University of Vienna
*Environmental Determinants of
Physical and Cognitive Health in
Schoolchildren* 16:05-16:20

Alba Gómez-López
Fundació de Recerca Clínic Barcelona -
Institut d'Investigacions Biomèdiques
August Pi i Sunyer (FRCB-IDIBAPS)
*Household Air Quality in Chronic
Obstructive Respiratory Diseases:
Actionable Insights for Clinical Practice* 16:20-16:35

Carla Martins
National School of Public Health, NOVA
University of Lisbon
*Attributable Burden from Indoor Air
Pollution Across Four European
Countries: A Multi-Centre Study* 16:35-16:50

TBC 16:50-17:05

Josep roca
Fundació de Recerca Clínic Barcelona -
Institut d'Investigacions Biomèdiques
August Pi i Sunyer (FRCB-IDIBAPS)
*Oscillometry in Chronic Respiratory
Diseases: Towards Improved
Standardization for Clinical Practice* 17:05-17:20

Tuesday June 23th

Session 3- Low-Cost Sensors and Continuous IAQ Monitoring

Moderator:

Maria Figols (InBiot Monitoring)

Keynote Speaker:

Sotirios Papathanasiou
GO AQS

Low-Cost Air Quality Sensors 101: The Tech, the Truth, and the Trade-offs

9:00-9:30

Oral presentations:

Dominik Heß
MANN+HUMMEL GmbH

Air Purifiers as a means to improve air quality in challenging environments.

9:30-9:45

Ilknur Ayri
İzmir Institute of Technology
Assessment of Indoor Environmental Quality in a Windowless University Classroom with Low-Cost Multi-Sensors in İzmir, Türkiye

9:45-10:00

Julio Fco. San José Alonso
Universidad de Valladolid
Evaluation and Monitoring of Indoor Environmental Quality in the Pathology Department at Río Hortega University Hospital (Valladolid)

10:00-10:15

Maidá Domat
Universidad de Oviedo
Design and Deployment of a Low-Cost Sensor Network for Continuous Indoor-Outdoor Air Quality Monitoring

10:15-10:30

Session 4- Data Analytics, Artificial Intelligence and Standardised Methodologies for IAQ Assessment

Moderator:

Sotirios Papathanasiou (GO AQS)

Keynote Speaker:

Mario Lovric

Institute for Anthropological Research

Data Analytics, Artificial Intelligence, and Standardized Methodologies for IAQ Assessment

11:00-11:30

Oral presentations:

Maria Figols

InBiot Monitoring

Impact of Occupancy Dynamics on Indoor CO₂ Forecasting Across Real-World Scenarios

11:30-11:45

Prospero García-Gallardo

HIT: Healthy indoor Technology

"Focus 1%" approach to indoor air quality: translational application of targeted air purification technologies

11:45-12:00

Xabier Aláez

InBiot Monitoring

Architectural guardrails for AI-mediated IAQ assessment: real-time reasoning, intent-adaptive outputs across WELL, GO IAQS, WHO and EPBD

12:00-12:15

Session 5- Policy, Roadmap and Stakeholder Perspectives for IAQ

Moderator:

Natalia Allegretti (Global Health Conector)

Keynote Speaker:

Alexander Borg

The Lisbon Council

*Charting the Course to Healthier
Indoors: The IDEAL Cluster Roadmap
for IAQ in Europe and Beyond*

13:15-13:45

Oral presentations:

Leticia Pérez

Kveloce

*From awareness to action: K-
HEALTHinAIR's strategic Approach to
stakeholder engagement and policy
translation for Indoor Air Quality*

13:45-14:00

Giorgos Panaras

Aristotle University of Thessaloniki

*Net4CleanAir: A COST Action for Indoor
Air Cleaning Technologies*

14:00-14:15

Roundtable session

Alexander Borg (The Lisbon Council)

Leticia Pérez (Kveloce)

Natalia Allegretti (Global Health
Conector)

Armando Ruiz (Asma y Alergia España)

14:15-15:15