



INDOOR AIR TOXICOLOGY

16–18TH SEPTEMBER 2018

International Conference on Risk Assessment of Indoor Air Chemicals

Umweltforum
Pufendorfstraße 11
10249 Berlin, Germany

PRELIMINARY PROGRAMME



Bundesministerium
für Umwelt, Naturschutz
und nukleare Sicherheit

Umwelt 
Bundesamt

Sunday, September 16, 2018

4:00 pm – 6:00 pm

Registration

5:00 pm – 6:30 pm

Opening ceremony

including

Welcome

Maria Krautzberger

President of the German Environment Agency (UBA),
Germany

Axel Vorwerk

Federal Ministry of the Environment,
Nature Conservation and Nuclear Safety (BMU), Germany

Keynote lecture I

Pawel Wargocki

Technical University of Denmark, Denmark

**Improving indoor air quality is a prerequisite for
health and sustainable growth**

6:30 pm – 8:00 pm

Welcome reception

Monday, September 17, 2018

8:00 am – 9:00 am	Registration
9:00 am – 10:00 am	Panel discussion I Toxic substances in indoor air: is there a need for political action? Moderation: Lilian Busse , German Environment Agency (UBA), Germany Panelists: Erwin Annys European Chemical Industry Council (CEFIC) Birger Heinzow German Committee on Indoor Guide Values (AIR), Germany Dorota Jarosinska WHO European Centre for Environment and Health Eduardo de Oliveira Fernandes Emeritus Professor University of Porto, Portugal Anne Stauffer Health and Environment Alliance (HEAL), Belgium
10:00 am – 10:20 am	Coffee break
10:20 am – 11:00 am	Keynote lecture II Dorota Jarosinska WHO European Centre for Environment and Health WHO indoor air quality guidelines Chair: Birgit Wolz , Federal Ministry of the Environment, Nature Conservation and Nuclear Safety (BMU), Germany

Monday, September 17, 2018

11:00 am – 12:15 pm

Session 1

Risk assessment concepts for indoor air pollutants, Part I

Chair:

Tunga Salthammer, Fraunhofer Institute for Wood Research,
Wilhelm-Klauditz-Institut (WKI), Germany

Martin Kraft

North Rhine-Westphalia State Agency for Nature,
Environment and Consumer Protection, Germany

**German health based guidance values for pollutants
in indoor air**

Kenichi Azuma

Kindai University Faculty of Medicine, Japan

**Japanese indoor air quality guidelines for selected pollutants:
past approach, current status, and future issues**

Katleen De Brouwere

Flemish Institute for Technological Research VITO, Belgium

Flemish indoor air quality decree

12:15 pm – 1:15 pm

Lunch and poster viewing

Monday, September 17, 2018

1:15 pm – 2:30 pm

Session 2

Risk assessment concepts for indoor air pollutants, Part II

Chairs:

Stylianios Kephalopoulos, European Commission, DG JRC

Helmut Sagunski, German Committee on Indoor Guide Values (AIR), Germany

Maria Uhl

Environment Agency Austria, Austria

Austrian risk assessment concept for indoor air chemicals

Sani Dimitroulopoulou

Public Health England, UK

Indoor air quality: actions and policy in the UK

Colin Ehnes

BASF, Germany

Indoor air from perspective of the industry

2:30 pm – 2:45 pm

Break

Monday, September 17, 2018

2:45 pm – 4:00 pm

Session 3 **Particulate matter**

Chairs:

Wolfram Birmili, Germany Environment Agency (UBA),
Germany

Saul García Dos Santos-Alves, Institute of Health Carlos III,
Spain

Heli Lehtomäki

National Institute for Health and Welfare, Finland

**Exposure-response relationship and environmental
burden of disease**

Michael Riediker

The Swiss Centre for Occupational and
Environmental Health (SCOEH), Switzerland

**Particulate matter: Identification, mitigation, and
assessment**

Gerhard Wiesmüller

Public Health Department Cologne, Germany

Indoor bioaerosols

4:00 pm – 4:30 pm

Coffee break

Monday, September 18, 2018

4:30 pm – 6:30 pm

Session 4

Risk mitigation for indoor air quality on example of construction products

Chair:

Frank Kuebart, eco-INSTITUT Germany GmbH, Germany

Jorma Säteri

Finnish Society of Indoor Air Quality and Climate and Helsinki Metropolia University of Applied Sciences, Finland

Experiences of voluntary approach – M1 classification in Finland

Thomas Witterseh

Danish Technological Institute, Denmark

25 years of material emission labeling in Denmark – experiences and development

Marilyn Black

Underwriters Laboratories Inc., Founder GREENGUARD, USA

Progress and Challenges in US VOC Emissions: A 20 Year Review

Ana Maria Scutaru

German Environment Agency (UBA), Germany

Challenges and chances of a harmonized European health evaluation for building products emissions

Panel discussion II

Mandatory requirements vs. voluntary labeling schemes for the assessment of building products emissions: Which is the better way to achieve good indoor air quality?

7:15 pm – 8:15 pm

River cruise on the Spree along some of Berlin's main sightseeing attractions and the government quarter.

Tuesday, September 18, 2018

9:00 am – 10:15 am

Session 5

Risk assessment concepts for indoor air pollutants, Part III

Chair:

Gunnar Johanson, Karolinska Institutet, Sweden

Vanessa Beaulac

Health Canada, Canada

Health Canada's regulatory approach to indoor air contaminants

Marion Keirsbulck

French Agency for Food, Environmental and Occupational Health & Safety (ANSES), France

ANSES guidelines for indoor air quality: health-based values for selected pollutants

Carsten Kneuer

German Federal Institute for Risk Assessment (BfR), Germany

Human health hazard characterisation for biocides – current practice under EU Reg 528/2012

10:15 am – 10:35 am

Coffee break

10:35 am – 11:05 am

Keynote lecture III

Tunga Salthammer

Fraunhofer Institute for Wood Research, Wilhelm-Klauditz-Institut (WKI), Germany

Indoor air contaminants – emerging substances

Chair:

Marike Kolossa-Gehring, German Environment Agency (UBA), Germany

Tuesday, September 18, 2018

11:05 am – 11:55 am

Session 6

Indoor air chemicals and monitoring

Chairs:

Katleen De Brouwere, Flemish Institute for Technological Research VITO, Belgium

Lars Gunnarsen, Danish Building Research Institute, Denmark

Peder Wolkoff

The National Research Centre for the Working Environment, Denmark

Indoor air chemistry: reaction products and airway effects

Pawel Rostkowski

Norwegian Institute for Air Research, Norway

Target and non-target/suspect screening analyses for emerging substances in air and dust from various indoor environments

Stylianos Kephelopoulos

European Commission, DG JRC

The European Commission's Information Platform for Chemical Monitoring data (IPCHEM): a reference gateway for searching, accessing, retrieving, assessing and sharing indoor air Monitoring data in EU

11:55 pm – 1:00 pm

Lunch and poster viewing

Tuesday, September 18, 2018

1:00 pm – 2:40 pm

Session 7

Indoor air environment and children's health

Chairs:

Vanessa Beaulac, Health Canada, Canada

Ana Maria Scutaru, German Environment Agency (UBA), Germany

Ruth A. Etzel

Office of Children's Health Protection, U.S. Environmental Protection Agency (EPA), USA

The special vulnerability of children

Lars Gunnarsen

Danish Building Research Institute, Denmark

Exposure to toluene and other neurotoxic substances in Danish children's bedrooms

Marike Kolossa-Gehring

German Environment Agency (UBA), Germany

How to consider children by risk assessment of indoor air chemicals?

Eduardo de Oliveira Fernandes

Emeritus Professor University of Porto, Portugal

Health driven IAQ: The children case

2:40 pm – 3:00 pm

Coffee break

Tuesday, September 18, 2018

3:00 pm – 5:05 pm

Session 8

Indoor air toxicology: challenges and upcoming tasks

Chairs:

Kenichi Azuma, Kindai University Faculty of Medicine, Japan

Birger Heinzow, German Committee on Indoor Guide Values (AIR), Germany

Gunnar Johanson

Karolinska Institutet, Sweden

Are asthmatics more sensitive to irritants?

Wenjuan Wei

Scientific and Technical Centre for Building (CSTB), France

Bioaccessibility and bioavailability of environmental semi-volatile organic compounds via inhalation

Steven Nordin

Umea University, Sweden

Neurogenic inflammation and sensitization

Josje Arts

Akzo Nobel Chemicals B.V., Arnhem, The Netherlands

How to assess respiratory sensitization?

Carl-Gustaf Bornehag

Karlstad University, Sweden and Icahn School of Medicine at Mount Sinai, New York, USA, Sweden

A novel approach for risk assessment of chemical mixtures – linking data from population based epidemiology and experimental toxicology by the use of new statistical tools

5:05 pm

Summary and conclusions

Wolfgang Straff

German Environment Agency (UBA), Germany

Information

Organizers:

Federal Ministry for the Environment, Nature Conservation and Nuclear Safety,
Robert-Schumann-Platz 3, 53175 Bonn, Germany, www.bmu.de

German Environment Agency, Wörlitzer Platz 1, 06844 Dessau-Roßlau, Germany
www.umweltbundesamt.de

Conference Secretariat:

MediaCompany GmbH

Phone: 0049 (0)30 288 84 53 23

Email: indoortoxicology@mediacompany.com