

## Registration

Please register before 20 January 2014 by following this link (<http://www.doodle.com/6qu7vbmyupr95t59>) leading to a doodle poll. Please sign in for one of the three sessions you are interested in. This is automatically your registration for the whole day. Note, that each session is limited to 15 participants. The workshop is free of charge.

### Official workshop language:

The official language will be English.

### Meal:

A working lunch will be provided by the organisers on the day of the workshop.

### Accommodation:

A list of hotels nearby is provided with the invitation email. Some hotels offer special rates for BAM guests.

This workshop is organised in cooperation with:

National Physical Laboratory  
Hampton Road  
Teddington  
Middlesex  
United Kingdom  
TW11 0LW

VSL  
P.O. Box 654  
2600 AR Delft  
The Netherlands

## Venue



BAM Federal Institute for  
Materials Research and Testing  
Branch Fabockstraße  
Unter den Eichen 44-46  
12203 Berlin, Germany  
Internet: [www.bam.de/en/ueber\\_uns/wege/index.htm](http://www.bam.de/en/ueber_uns/wege/index.htm)

For further questions please contact:

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Information regarding MACPoll can be found on  
<http://www.macpoll.eu>

**13 February 2014**



# MACPoll workshop

## Metrology for Chemical Pollutants in Air

The measurement of gaseous pollutants in air is a sensitive and priority issue that has a large impact on human health and environment. The overall goal of the MACPoll project is to improve the traceability and comparability of measurement results in current air monitoring techniques. The workshop will address the need for accurate reference atmospheres and traceable reference materials for the measurement of (semi)volatile organic compounds ((S)VOC) in indoor air.

In the first part the results obtained in this joint research project will be presented. Two invited lectures look furthermore at potential problems with the expression of measurement uncertainty in analytical laboratories as well as give insight into the way to harmonisation of VOC measurement in Europe. The second part is dedicated to training and discussion, where the participants have the chance to learn and discuss about materials emissions testing and give their view on things in three separate sessions.

## Who's addressed

Practitioners and scientists in the field of indoor air analysis and emissions testing, Regulatory Authorities.

# Agenda

## Part 1: Plenary

- 9:00 Welcome  
*Oliver Jann, Matthias Richter, BAM*
- 9:15 The MACPoll project  
*Annarita Baldan, project coordinator, VSL*
- 9:30 Expression of uncertainty –  
How can reliable measurement results be achieved?  
*Manfred Golze, BAM*
- 10:10 Preparation of VOC transfer standards for indoor  
air applications  
*Marivon Corbel, NPL, Dita Heikens, VSL*
- 10:45 Coffee Break
- 11:10 The long and bumpy road to harmonised  
VOC measurement and evaluation of indoor  
and chamber air; is an end in sight?  
*Derrick Crump, Cranfield University*
- 11:50 Approach to a reference material for  
emission testing  
*Michael Nohr, BAM*
- 12:15 Lunch

## Part 2: Training and Discussion

- 13:20 Division into working groups
- 13:40 ■ Session 1: Materials emissions testing –  
Measurements for healthy living  
Chairs: *Oliver Jann, Olaf Wilke, BAM*  
Rapporteur: *Birte Mull, BAM*  
  
In this session all steps of a materials  
emissions test will be demonstrated and  
explained.  
Limited to 15 participants
- Session 2: Reference gas mixtures –  
Necessity and barriers  
Chair: *Annarita Baldan, VSL*  
Rapporteur: *Marivon Corbel, NPL*  
  
In this session questions on reference gas  
mixtures for QA/QC purposes shall be  
discussed. Who needs them? What is  
needed? Are they available?, etc.  
Limited to 15 participants
- Session 3: Indoor air measurements –  
ways to reliable results  
Chair: *Derrick Crump, Cranfield University*  
Rapporteur: *Wolfgang Horn, BAM*  
  
This session is dedicated to the field of  
source control with a focus on emissions  
from materials used indoors.  
Limited to 15 participants
- 15:05 Coffee Break
- 15:30 Reports of session rapporteurs
- 16:00 Closing remarks  
*Matthias Richter, BAM*
- 16:15 End of workshop

