

8. GRIMM EXCHANGE OF EXPERIENCES OF THE MEASUREMENT NETWORKS + NANO MEETS ENVIRO

INTERNATIONAL SYMPOSIUM BAD REICHENHALL, GERMANY, APRIL 10–11, 2024

We cordially invite you to take part in our “8. Exchange of Experiences of the Measurement Networks + Nano meets Enviro”. With this event, we offer European users of GRIMM environmental fine dust measuring devices a platform to share experiences and discuss current measurements. Our service engineer is available to answer any questions you may have in the areas of service and calibration.

The invitation is aimed not only at the managers of official measurement networks or measurement campaigns in research and industry, but also at the measurement technicians who are involved in the calibration, maintenance and service of measurement technology on a daily basis.

The focus of the first day of the event is on the exchange of measuring networks on the measurement of fine dust concentrations outdoors and solutions for ultra-sensitive gas measuring devices on an optical basis. An increasingly important aspect is the challenges posed by the constantly decreasing mass concentration while at the same time increasing demand for high-precision real-time fine dust measuring devices in the sub-10 microgram range.

The ultrafine particles are particularly in focus on the second day of the event, where the results of current measurement campaigns will be presented, the risks of UFPs will be highlighted and experiences with the latest measurement methods will be discussed. Another focus will be on the European Committee for Standardization CEN standards prEN 16976 and CEN/TS 17434, which propose a harmonized method for determining the particle number concentration and particle size distribution of UFP in outdoor air.

We look forward to welcoming you in April 2024 for an interesting exchange and an exciting discussion. Please also forward this invitation to interested colleagues.

Warm regards,
GRIMM AEROSOL TECHNIK Airring GmbH & Co. KG
Dr. Dennis Beckmann, Sales Experts Manager

INVITATION

GENERAL INFORMATION

The event will take place over two days, each with a separate theme. Participation is possible either on both days or on just one of the two.

Wednesday, April 10: Exchange of Experiences of the Measurement Networks
Thursday, April 11: Nano meets Enviro – Ultrafine particles in the ambient air

On **Tuesday, April 09**, we invite you to a get-together with dinner at 19.00.

CONFERENCE LANGUAGE

The lectures will be held on April 10, for the most part in German, and on April 11 in English. Communication in German and English will be ensured on both days.

REGISTRATION AND FEE

Please use the attached registration form for your registration. The event will be free of charge for you. GRIMM will take care of the conference room and catering (coffee breaks and lunch, additional dinner on April 10 and 11). You will need to pay only your hotel and travel costs.

VENUE

Kurgastzentrum (Cultural Center) Bad Reichenhall
Wittelsbacher Straße 15, 83435 Bad Reichenhall
www.staatsbad-bad-reichenhall.de/locations/kurgastzentrum

PARKING

- P13 underground garage (subject to charges)
Frühlingstraße 2, 83435 Bad Reichenhall
www.contipark.de/de-DE/find-parking/bad-reichenhall-tiefgarage-kurgastzentrum
- P12 Kurhaus
Kurstraße 11, 83435 Bad Reichenhall
Free day tickets for the P12 car park are available from us on request.

INVITATION

HOTEL RECOMMENDATION

We have already reserved a room contingent for you at the following hotel.
Please book using the password „GRIMM2024“. We recommend that you book early.

- **AMBER HOTEL BAVARIA Bad Reichenhall**
Am Münster 3
83435 Bad Reichenhall
Telefon +49 8651 776-0
reichenhall@amber-hotels.de
www.amber-hotels.de/bad-reichenhall/en

EVENING PROGRAM

- **Tuesday, April 09**
19.00, Get-together:
Hotel-Restaurant „St. Zeno“ im Amber Hotel Bavaria, Am Münster 3, 83435 Bad Reichenhall
www.amber-hotels.de/bad-reichenhall/en/gastronomy/
- **Wednesday, April 10**
17.00, guided tour of Bad Reichenhall vom Kurgastzentrum zur Alten Saline zum
Topic „Salt – Brine“
19.00, dinner: Gasthaus Wieninger Schwabenbräu, Salzburgerstraße 22, 83435 Bad Reichenhall
www.wieninger-schwabenbraeu.de

INVITATION

APRIL 10, 2024 | EXCHANGE OF EXPERIENCES OF THE MEASUREMENT NETWORKS

TIME	SUBJECT PRESENTER
09.00	Welcome Torsten Straßburger, GRIMM Aerosol Technik
09.15	Informationen zur Veranstaltung – Programm und Ablauf Dr. Dennis Beckmann, DURAG Sales & Service
09.30	Neue Herausforderungen an Feinstaubmessgeräte aufgrund stark abnehmender Konzentrationen in der Außenluft Dr. Ing. Markus Pesch, GRIMM Aerosol Technik
10.00	Äquivalenzüberprüfung – Optische Messmethode und Probleme der Hersteller Andreas Wolf, Umweltbundesamt, Wien
10.30	Coffee break
11.00	Kampf um die Partikel – Analysatoren vs. Sammler im Messnetz Sachsen-Anhalt Dr. Katja Mader-Arndt, Landesamt für Umweltschutz Sachsen-Anhalt
11.30	Leipzig-Mitte: Eine für (fast) alles – „Portfolio“ der beliebtesten Messstation Sachsens Dr. Susanne Bastian, Sächsisches Landesamt für Umwelt, Landwirtschaft und Geologie
12.00	Erfahrungen mit dem EDM 280 und CPC 5421 im Luftmessnetz Richard Bachl, Stadt Wien, Umweltschutz
12.30	Lunch break
13.45	Messung der UFP in Baden-Württemberg mit dem Partector 2 – Status Quo Lukas Baron, Landesanstalt für Umwelt Baden-Württemberg
14.15	Weiterentwicklungen am EDM 280 Dr. Friedhelm Schneider, GRIMM Aerosol Technik
14.45	Coffee break
15.15	Service der Messgeräte Sebastian Steinau, GRIMM Aerosol Technik
15.45	Discussion and further contributions from the measuring networks Practical examples and field reports of the participants
16.30	End of the event
17.00	Guided tour of Bad Reichenhall on the topic „salt – brine“
19.00	Dinner in the „Gasthaus Wieninger Schwabenbräu“, Bad Reichenhall

APRIL 11, 2024 | NANO MEETS ENVIRO

TIME	SUBJECT PRESENTER
09.00	Welcome Torsten Straßburger, GRIMM Aerosol Technik
09.15	Information on the event – Program and schedule Dr. Dennis Beckmann, DURAG Sales & Service
09.30	Ambient UFP counting and sizing according to CEN prEN 16976 and CEN/TS 17434 Dr. Gerhard Steiner, GRIMM Aerosol Technik
10.00	Rahmenbedingungen und Betriebserfahrungen beim Einsatz von mit n-Butanol betriebenen Messgeräten in den sächsischen Luftgütemessstationen Holm Kühne, Staatliche Betriebsgesellschaft für Umwelt und Landwirtschaft
10.30	Coffee break
11.00	Long-term exposure to UFP and health effects in Bavarian centers of the NAKO health study Augsburg and Regensburg Dr. Josef Cyrus, Helmholtz Munich
11.30	The Berlin-Brandenburg Air Study (BEAR): A natural experiment investigating health effects from changes in airport related exposures Dr. Simonas Kecorius, Helmholtz Munich
12.00	Evaluation of a Grimm miniWRAS during continuous operation at an urban background site Prof. Dr.-Ing. Christof Asbach, Institut für Umwelt & Energie, Technik & Analytik e.V. (IUTA)
12.30	Lunch break
13.45	Presentation of single particle mass spectroscopy – Chemical analysis of ambient air aerosols and ship plumes Dr. Robert Irsig, Photonion
14.15	On the past, present and future of the Sky-CPC on IAGOS passenger aircraft Patrick Weber, Forschungszentrum Jülich
14.45	Coffee break
15.15	Measurement of low concentrations of ammonia in air (ppb), with combination of OFCEAS spectroscopy and Low Pressure Sampling Etienne Smith, AP2E
15.45	Final discussion
16.30	End of the event

INVITATION

REGISTRATION FORM *(please mark each)*

I WILL BE TAKING PART IN THE FOLLOWING EVENT

April 10: Exchange of Experiences of the Measurement Networks

April 11: Nano meets Enviro

ATTENDANCE AT DINNER

April 09, 19.00 (Get-together)

April 10, 19.00

GUIDED TOUR OF BAD REICHENHALL ON THE TOPIC OF „SALT – BRINE“

April 10, 17.00 *(limited number of participants)*

CONTACT DETAILS

First and last name

Academic title

Company

Department

Street

ZIP, city

Phone

Email

***Please send your registration and the declaration of consent
for photo shoots by 20 March 2024 to:
GRIMM Aerosol Technik Ainring GmbH & Co. KG, Attn. Ms. Antje Weber
antje.weber@grimm.durag.com, phone +49 8654 57825***

INVITATION

DECLARATION OF CONSENT FOR PHOTO SHOTS

During the event “8. GRIMM Exchange of Experiences of the Measurement Networks + Nano meets Enviro” on April 10 and 11, 2024, photos are taken.

The following consent to use refers to group photos (> 1 person) and not to individual photos.

Please tick which uses you agree to:

- Publication at the website www.durag.com
- Publication via LinkedIn
- Distribution to the participants of the event
- Records of the event for internal use.

With your signature, you declare that photographs taken on which you are pictured have been created with your consent and may be used for the above purposes.

We will not use your photo without your signature

Name

Date, signature