

# FINAL PROGRAMME



INNOVATIONSZENTRUM  
KUNSTSTOFFTECHNIK e.V.



## Fees

Regular fee	730 €
Members of the Innovation Centre	500 €
Exhibitors (including stand area and 1 person)	950 €
Universities, Poster Presenter	350 €

(All prices are given plus legal VAT)

Discount of 10 % for registration before 20 February 2018.

## Fee includes

Full Conference participation with proceedings, refreshments.

## Registration

Registration by post

Registration by fax: +49 561 804-3672

Registration by e-mail: [susanne.wolff@uni-kassel.de](mailto:susanne.wolff@uni-kassel.de)

## Cancellation

Charge for cancellations within 2 weeks to the opening day of the conference: 150 €

No refunds on cancellations received after 6 March 2018.

## Exhibitors, Poster Presenter

If you are interested, please contact: [susanne.wolff@uni-kassel.de](mailto:susanne.wolff@uni-kassel.de)

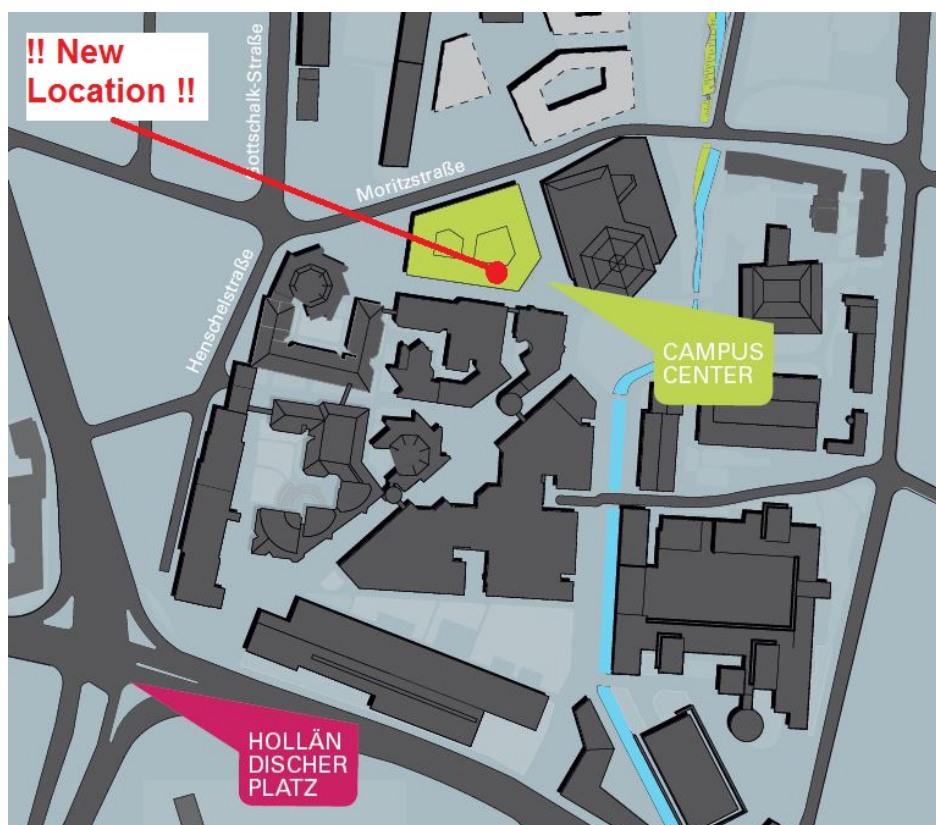
## Hotel Accommodation

You will find hotels and a city map on web page: <http://www.kassel-tourist.de>

Special offer for OEConference guests, please contact: [www.renthof-kassel.de](http://www.renthof-kassel.de)

## Conference Location

Universität Kassel, Moritzstraße 18, 34109 Kassel Germany



## Objectives

Since our first workshop, held in Kassel in 1999, the interest in odours and emissions of plastics has continued to grow significantly.

The purpose of this conference in this field of development is to present the measuring instruments for evaluation odours and emissions as well as new developments in industries to reduce odour and emissions. In addition to the oral presentations, company exhibitions and poster presentations provide an active forum for discussions among the participants of the conference.

The conference is addressed to all users and manufacturers as well as customers, who use plastics in interiors, in particular the automobile industry, furniture and camper manufactures, the foodstuffs industry, the recycling industry etc.

**The lectures will be held in German and English. Simultaneous translation English/German and German/English will be provided.**

## Programme Committee

J. Garlinsky	BYK-Chemie GmbH
Prof. Dr.-Ing. H.-P. Heim	Universität Kassel
B. Maxeiner	Olfasense GmbH
K. Petersen	Gerstel GmbH & Co. KG
Prof. Dr. S. Pongratz	Volkswagen AG
Dr. B. Roberz	Adam Opel AG
G. Scharfenberger	Quma GmbH
Dr. H.-P. Schlegelmilch	IMAT UVE GmbH
H. G. Schrader	H. G. Schrader GmbH
Dr. H. Schulz	FILK gGmbH Freiberg
Dr. A. M. Scutaru	Umweltbundesamt

## Registration and Conference Office

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# Programme 20 March 2018

09:00 Registration

10:00 Opening

## Impulse Lecture

**10:35 New Insights supporting Old Insights on why adding Water to Scotch Whisky might be a Good Idea**

*Neue Erkenntnisse stützen alte Erfahrungen – Ist das Hinzufügen von Wasser zu Scotch Whisky eine gute Idee?*

**B. Karlsson<sup>1,3</sup>, R. Friedman<sup>2,3</sup>**

<sup>1</sup> Physical Pharmacy Laboratory, Kalmar/Sweden

<sup>2</sup> Computational Chemistry & Biochemistry Group, Kalmar/Sweden

<sup>3</sup> Linnæus University Centre of Biomaterials Chemistry, Kalmar/Sweden

## Section A

**Chairperson: H.-P. Heim, Universität Kassel**

**11:15 Well-being into the cars: How to modify Odor of Plastic Materials**

*Wohlbefinden im Auto: Anpassung des Geruchs von Kunststoffen*

**J. Quartararo**

PSA Group, Belchamp-Voujeaucourt/France

**11:45 Proficiency Test of Emissions in the Automotive Industry for the Methods VDA 278 and ISO 12219 in 2017**

*Emissionsringversuch im Automobilbereich zu den Methoden VDA 278 und ISO 12219 in 2017*

**B. Maxeiner<sup>1</sup>, L. Kante<sup>2</sup>, R. Kerscher<sup>3</sup>**

<sup>1</sup> Olfasense GmbH, Kiel/Germany

<sup>2</sup> Daimler AG, Stuttgart/Germany

<sup>3</sup> BMW AG, München/Germany

**12:15 Short Presentations of Exhibitors**

*Kurzpräsentationen der Aussteller*

**12:45 Lunch Break, Exhibition Visit and Poster Session**

## Section B

**Chairperson: S. Pongratz, Volkswagen AG**

**13:45 The Use of V&F Mass Spectrometers for the Determination of Emissions of Plastics in VIAQ (Vehicle Interior Air Quality) Testing**

*Die Verwendung von V&F Massenspektrometern zur Untersuchung von Emissionen aus Kunststoffen bei VIAQ (Vehicle Interior Air Quality) Messungen*

**S. Praun<sup>1</sup>, C. Leidlmair<sup>2</sup>, S. Kotschieder<sup>2</sup>, J. Villinger<sup>1</sup>, J. Xu<sup>3</sup>, Y. Yan<sup>3</sup>**

<sup>1</sup> V&F Analyse- und Messtechnik GmbH, Absam/Austria

<sup>2</sup> VF Services GmbH, Absam/Austria

<sup>3</sup> Palmary Technology Ltd., Beijing/China

**14:15 High-Throughput Analysis of Volatile Emissions from Packaging Using Direct MS**

*Analyse diffuser Emissionen von Verpackungen durch direkte MS mit hohen Durchsatzraten*

**D. Hera, M. Perkins, M. Vinallonga, S. Reissier, L. Thomi**

Syft Technologies Limited, Christchurch/New Zealand

**14:45 Determination of Formaldehyde, VOC and SVOC Emissions from Materials using an Automated Micro-Scale Chamber and Thermal Desorption-GC/MS**

*Bestimmung von Formaldehyd-, VOC- und SVOC-Emissionen aus Materialien mittels einer automatisierten Mikroskala-Prüfkammer gekoppelt an ein Thermodesorptions-GC/MS-System*

**Y. Nie**

Gerstel GmbH & Co. KG, Mülheim an der Ruhr/Germany

**15:15 Coffee Break, Exhibition Visit and Poster Session**

### **Section C**

**B. Matthes; Filk Freiberg gGmbH**

**16:15 Bio-Resins & Bio-Composites – Successfully Odour Reduction using ZEOflair**

*Bio-Harze & Bio Composite – Erfolgreiche Reduzierung von Gerüchen mit ZEOflair*

**G. Fenoglio**

Zeochem AG, Uetikon am See/Switzerland

**16:45 Malodor – unpleasant Smell or Stench**

*Malodor – unangenehmer Geruch bzw. Gestank*

**W. Dreher**

Selbstständiger Berater, Schönberg/Germany

**17:15 Closing**

**18:30 Evening Event**

## **Programme 21 March 2018**

### **Section D**

**Chairperson: B. Maxeiner, Olfasense GmbH**

**09:00 Evaluation of an Innovative Coating for VOC/Odour Reduction in Indoor Environment**

*Bewertung einer innovativen Beschichtung zur VOC-/Geruchsminderung in Innenräumen*

**M. Demeyer**

Certech, Seneffe/Belgium

**09:30 VOC-Emissions from Thermoplastic Filaments for 3-D-Printing**

*VOC-Emissionen aus thermoplastischen Filamenten für den 3-D-Druck*

**O. Wilke, S. Seeger**

Bundesanstalt für Materialforschung und –prüfung (BAM), Berlin/Germany

**10:00 Use of the Surface Emissions Trap (cTrap) for Stopping spread of Emissions from Plastic Materials in Buildings**

*Verhinderung der Ausbreitung von Emissionen aus Kunststoffen bei Innenraumanwendungen durch Verwendung eines Oberflächen Emissionsverschlusses (cTrap)*

**L. Larsson, J. Mattsson**

Lund University Sweden, Laboratory Medicine/Medical Microbiology, Lund/Sweden

**10:30 Coffee Break, Exhibition Visit and Poster Session**

## Section E

Chairperson: J. Garlinsky, BYK-Chemie GmbH

**11:15 Migration - wohin führt der Weg?**

*Migration - where does the path lead?*

T. Gude

SQTS Swiss Quality Testing Services, Dietikon/Switzerland

**11:45 Targeting Off-Odours in Toys and Consumer Products on a Molecular Basis - from Substance Identification to Real-Time Emission Measurements**

*Analyse von Fehlgerüchen in Spielzeugen und Verbraucherprodukten auf molekularer Ebene – von der Identifizierung einzelner Substanzen bis zur Emissionsmessung in Echtzeit*

**C. Wiedmer<sup>1,2</sup>, Y. H. Meng<sup>2</sup>, J. Beauchamp<sup>2</sup>, C. Velasco-Schön<sup>3</sup>, A. Buettner<sup>1,2</sup>**

<sup>1</sup> Friedrich-Alexander-Universität Erlangen-Nürnberg, Erlangen/Germany

<sup>2</sup> Fraunhofer Institute for Process Engineering and Packaging IVV, Freising/Germany

<sup>3</sup> Bayerisches Landesamt für Gesundheit und Lebensmittelsicherheit, Erlangen/Germany

**12:15 Monitoring of Emissions of VOC from Consumer Products - Influence of the Chamber Volume**

*Überwachung der VOC Emissionen von Verbraucherprodukten – Einfluß des Kammervolumens*

**M. Even<sup>1</sup>, C. Hutzler<sup>1</sup>, O. Wilke<sup>2</sup>, B. Vieth<sup>1</sup>, A. Luch<sup>1</sup>**

<sup>1</sup> German Federal Institute for Risk Assessment (BfR), Berlin/Germany

<sup>2</sup> Federal Institute for Materials Research and Testing (BAM), Berlin/Germany

**12:45 Lunch Break, Exhibition Visit and Poster Session**

## Section F

Chairperson: B. Roberz, Adam Opel AG

**13:30 Geruchsprüfung für Leder nach VDA 270**

*Odour Test for Leather with VDA 270*

**B. Matthes**

Forschungsinstitut für Leder und Kunststoffbahnen, Freiberg/Germany

**14:00 Elucidation of the Major Odorants in an Automotive Artificial Leather**

*Aufklärung der wichtigsten Geruchsstoffe in Kunstleder für automotive Anwendungen*

**K. Reglitz, M. Steinhaus**

Leibniz-Institut für Lebensmittel-Systembiologie an der TU München, Germany

**14:30 Low Emission Ether-based TPE-U for Interior Applications**

*Geruchsarme TPE-U auf Etherbasis für Innenraumanwendungen*

**S. Zepnik<sup>1</sup>, L. Kaumanns<sup>2</sup>**

<sup>1</sup> Albis Plastic GmbH, Hamburg/Germany

<sup>2</sup> Covestro AG, Leverkusen/Germany

**15:00 Closing**