

Registration by FAX +49-2631-3933-33
or E-mail: gabi.bechtel@ametek.com

Name: _____

Position: _____

Company: _____

Address: _____

Code: _____ City: _____

Phone: _____

E-mail: _____

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Code: _____ City: _____

VAT-No.: _____

Order-No.: _____

Date: _____

Signature: _____

Further persons:

Name: _____

Name: _____

Attendance is limited. Please register early.
Past seminars have been fully booked up soon after
announcement.

For further details please contact our
conference coordinator Mrs. Gabi Bechtel
Tel: +49 2631 3933 30
E-mail: gabi.bechtel@ametek.com

Further details:



Location of the conference:

Schloss Montabaur
Schlossweg 1
56410 Montabaur / Germany
www.hotelschlossmontabaur.de
E-mail: info@hotel-schloss-montabaur.de
Tel: +49 2602 14-300 · Fax: +49 2602 14-106

Hotel reservation:

With the confirmation of your registration you will receive a
form for hotel room reservation. Please book your room at
least 6 weeks before the seminar to ensure availability.

Conference fee:

€ 380 per person + 19 % VAT. The fee includes participation,
documents, lunch and refreshments.

Language:

The conference language is English.

Registration:

We recommend an early registration by fax or e-mail with
detailed invoice address and VAT-No.

Payment terms:

Please transfer your conference fee after receipt of our invoice.
30 days net, latest 2 weeks prior to the seminar.

16th International
MOCON Conference

Permeation Measurement Today



This seminar is for those involved
with Barrier Material Selection,
Package Testing, R & D, QA and
Barrier Specification

February 14th, 2019,
Schloss Montabaur
Register soon,
space is limited.



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PROGRAM

13.02.2019, 19:00

Get together

Dinner in the hotel restaurant

14.02.2018, 08:15

Reception and Registration

08:45

Welcome

Andreas Roos, Head of Sales
AMETEK GmbH, BU MOCON, Neuwied, Germany

09:00

Advanced Permeation

*The Basics and the Applications;
how permeation basics apply to various solutions of
modern packaging applications*

Georgia Gu, Sr. Global Applications Specialist
MOCON Inc., Minneapolis, USA

09:30

G-Polymer™

Option for Sustainable Multilayer Barrier Packaging

Dr. Gerd Weyers, Senior Technical Manager
NIPPON GOSHEI Europe GmbH, Düsseldorf, Germany

10:00

Coffee Break

10:30

Biodegradable Polymer and Nanocomposite Films & Coatings for Barrier Applications

*Measurement, Prediction, and Temperature Dependency
of the Water Vapor and Gas Permeabilities*

Prof. Dr. Funda TIHMINLIOĞLU, Department of Chemical Engineering
Izmir Institute of Technology, Izmir, Turkey

11:00

News in Permeation Measurement

*Newest development in permeation measurement towards
improving product shelf life*

Jeff Jackson, Product Manager Permeation Instruments
MOCON Inc., Minneapolis, USA

11:30

Thickness determination of evaporated aluminium coatings on polymer webs

*Combination of thickness measurement techniques to gain
information of coating quality*

Martina Lindner, M.Eng. Materials Development
Fraunhofer IVV, Freising, Germany

12:00

Lunch Break

13:30

Norner online barrier calculator

*Case studies where the calculator is used and new functionality
added*

Irene Helland, Senior Researcher
Norner AS, Stathelle, Norway

14:00

Tips for getting Continued Quality Results

Gained through experience, for use in practice

Hans-Peter Wagner, Technical & Applications Manager
AMETEK GmbH, Neuwied, Germany

14:30

High performance extrusion coating of thin aluminium foil and consequential barrier challenges

*Continuous increase of the efficiency of extrusion lamination
and coating can adversely affect adhesion and barrier
performance of aluminium foil in laminates. Some effects are
discussed in detail*

Dr. rer. nat. Guenter Schubert, Research & Development Rolled Products
Hydro Aluminium Rolled Products GmbH, Bonn, Germany

15:00

Coffee Break

15:30

X-ray fluorescence elemental analysis for polymer and film coating characterization applications

Dirk Wissmann, Product Manager XRF
Spectro Analytical Instruments GmbH, Kleve, Germany

16:00

Influence of post-consumer recycled polymer on barrier properties of polyolefins

*A research for understand material properties changes
from melt blending a commodity recycled material, such as
pigmented LLDPE and reprocessed HDPE with virgin resin and
performance additives.*

Dr. Keith Vorst, Director of the Polymer and Food Protection Consortium
in the Department of Food Science and Human Nutrition
Iowa State University, Iowa, USA

16:30

Summary of the day

Andreas Roos, Head of Sales
MOCON GmbH, BU MOCON Neuwied, Germany

