

Registration by FAX +49-2631-3933-33

Name: _____

Company: _____

Address: _____

Code: _____ City: _____

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Order-No.: _____

Please register these people as well:

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@mocon.eu

Further details:



Location of the conference:

Hotel Zugbrücke Grenzau GmbH
Brexbachstraße 11-17
56203 Höhr-Grenzhausen/Germany
Homepage: www.zugbruecke.de
E-mail: info@zugbruecke.de
Tel: +49 2624 105-0 · Fax: +49 2624 105 462

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:

€ 350 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.



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15th International
MOCON Conference

Permeation Measurement Today



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

May 23rd, 2017,
Hotel Zugbrücke
Register soon,
space is limited.



Permeation Measurement Today

PROGRAM

22.05.2017, 19:00

Get together

Dinner in the hotel restaurant

23.05.2017, 08:15

Reception and Registration

08:45

Welcome

Andreas Roos, MOCON GmbH, Neuwied, Germany

09:00

Permeation Basics

Relationship between permeation, solubility and diffusion; Fick's Law, intrinsic and polymeric properties affecting permeation

Joel Fischer, MOCON Inc., Minneapolis, USA

09:30

Inert barrier technology (ibt)

Bringing food shelf life for plastic cups to a whole new level

Rüdiger Grings, Greiner Packaging AG, Diepoldsau, Switzerland

10:00

Coffee Break

10:30

Temperature-dependent permeation measurements to probe water vapour transport through nano-defects

Proportion of permeation through macrodefects compared to nanodefects in a barrier coating

Hazel Assender, University of Oxford, United Kingdom

11:00

New Generation of Permeation Measurement Equipment

More user friendly, shorter test times, higher quality results, lower costs

The new state-of-the-art technology for permeation measurement

Ryan Holland, MOCON Inc., Minneapolis, USA

11:30

Applying permeation data for understanding product shelf life

Dr. Esra Küçükpınar, Fraunhofer IVV, Freising, Germany

12:00

Lunch Break

13:30

Is your permeation data good enough?

Proficiency testing as a powerful tool to evaluate your performance

Luis Miguel Guardado, PhD, ITENE, Paterna, Spain

14:00

Tips for getting Continued Quality Results

Gained through experience, for use in practice

Hans-Peter Wagner, MOCON GmbH, Neuwied, Germany

14:30

Improving multilayer packaging performance with bio-based barrier layers

Totally bio-based multilayer films and paper-based laminates developed for dry foods in

'bag-in-box' and 'stand-up pouch' applications

Jari Vartiainen, VTT Technical Research Center, Espoo, Finland

15:00

Coffee Break

15:30

International Permeation Standards

Explanation of the different standards for measurement of O₂, WVTR and CO₂ transmission rate

Christoph Zerwas, MOCON GmbH, Neuwied, Germany

16:00

Case study of Permeation Measurements

A Comparison of tests with old generation and new generation permeation measurement Equipment

Andreas Roos, MOCON GmbH, Neuwied

16:30

Summary of the day

Andreas Roos, MOCON GmbH, Neuwied, Germany

SPEAKERS



Andreas Roos

Head of Sales & Service Permeation Testing Systems
MOCON GmbH, Neuwied, Germany



Joel Fischer

Lab Manager
MOCON Inc., Minneapolis, MN, USA



Rüdiger Grings

Key Account Manager Barrier Packaging
Greiner Packaging AG, Diepoldsau, Switzerland



Hazel Assender

Associate Professor
Department of Materials, University of Oxford, UK



Ryan Holland

Product Manager Permeation
MOCON Inc., Minneapolis, USA



Dr. Esra Küçükpınar

Scientist
Fraunhofer IVV, Freising, Germany



Luis Miguel Guardado (PhD)

Chemistry Laboratory Manager
ITENE, Paterna, Spain



Hans Peter Wagner

Service Department Manager
MOCON GmbH, Neuwied, Germany



Jari Vartiainen

Senior Scientist
VTT Technical Research Center Espoo, Finland



Christoph Zerwas

Product Manager
MOCON GmbH, Neuwied, Germany