

Registration by FAX +49-2631-3933-33

Name: _____

Company: _____

Address: _____

Code: _____ City: _____

Phone: _____

E-mail: _____

Invoice Address: _____

Code: _____ City: _____

VAT-No.: _____

Order-No.: _____

Please register these people as well:

Name: _____

Name: _____



Equipos de control de calidad

Tel.: (+34) 902 450 160

Fax: (+34) 902 433 088

ermec@ermec.net

www.ermec.net

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: gbechtel@lippke.com



Schloss Montabaur

Further details:

Location of the conference:

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

Hotel reservation:

Please refer to the „Lippke – MOCON Conference“
when you arrange your hotel accommodation.
Please reserve your room **at least 8 weeks before**
the seminar to ensure availability .

Conference fee:

€ 320 per person (for German customers, customers
without VAT-No. or without certificate regarding the status
as taxpayer: 19 % VAT will be added).
The fee includes participation, documents,
lunch and refreshments.

Language:

The conference language is English.

Registration:

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

Payment terms:

Please transfer your conference fee after receipt of our invoice,
latest 15 March 2013.



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Lippke[®]
a MOCON company

13th International MOCON[®] Conference

**Permeation Measurement
News - Trends - Applications**

09 April 2013, Schloss Montabaur

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

Speakers



Franz Sturm
Managing Director
Paul Lippke Handels-GmbH, Germany



Robert L. Demorest
President and CEO
MOCON INC., Minneapolis/MN/USA



Doug Lindemann
Vice President / General Manager
Permeation Products & Services
MOCON INC., Minneapolis/MN/USA



Alan Shema
Product Manager Consulting Testing Services
MOCON INC., Minneapolis/MN/USA



Andreas Roos
Product Manager Permeation
Paul Lippke Handels-GmbH, Germany



Joel Fischer
Lab Manager
MOCON INC., Minneapolis/MN/USA



Frank de Brandt
Research & Technical Service Engineer
EVAL EUROPE N.V., Zwijndrecht, Belgium



Hans-Peter Wagner
Service Department Manager
Paul Lippke Handels-GmbH, Germany

Complimentary to the symposium will be a display of the latest MOCON Permeation Measurement Instruments.

Program for the day....

8.15
Reception and Registration

8.45
Welcome
Franz Sturm, LIPPKE

9.00
Traditional and New Applications in Permeation Measurement
Robert L. Demorest, MOCON

9.30
Permeation Basics - Part I
Relationship between permeation, solubility and diffusion;
Fick's Law, intrinsic and polymeric properties affecting permeation.
Joel Fischer, MOCON

10.00
Coffee Break

10.30
Permeation Basics - Part II
Relationship between permeation, solubility and diffusion;
Fick's Law, intrinsic and polymeric properties affecting permeation.
Joel Fischer, MOCON

11.00
Alternatives to Traditional Permeation Testing
OpTech[®]-O₂ Platinum, a new measurement technology.
Andreas Roos LIPPKE

11.30
High Temperature Permeation Testing
Testing close to real life conditions gives the best information of barrier properties. High temperature applications are important in the solar cell industry.
Joel Fischer, MOCON

12.00
Lunch Break



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C/ Francesc Teixidó, 22
E-08918 Badalona
(Spain)
Equipos de control
de calidad

Program for the day....

13.30
Latest MOCON Permeation Instruments
Doug Lindemann, MOCON

14.00
EVOH Based Solutions for Sterilisable Barrier Packaging
Frank de Brandt, EVAL EUROPE N.V., Zwijndrecht, Belgium

14.30
Understanding International Standards for Permeation Measurements
Explanation of the different standards for measurement of OTR, WVTR and CO₂ transmission rate.
Andreas Roos, LIPPKE

15.00
Coffee Break

15.30
Shelf Life Studies Basics - Concepts - Principles
A shelf life study is an objective means to determine how long a product can reasonably be expected to keep, without an appreciable change in quality, safety and character.
Alan Shema, MOCON

16.00
Permeation Testing of Flavour / Aroma Compounds
Joel Fischer, MOCON

16.30
Tips for Getting Continued Quality Results
Gained through experience, for use in practice.
Hans-Peter Wagner, LIPPKE

17.00
End

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