



Invitation to attend the PERMAS Users' Conference on April 26 and 27, 2012 in Heidelberg

In 2012 the biannual PERMAS Users' Conference will take place in Heidelberg in the beautiful ballroom of the historic Convention Center. INTES cordially invites you to attend this extraordinary event.

There will be an exciting program of user presentations and an introduction to the new developments of next PERMAS Version 14. As usual, sufficient time will be allocated to exchange experiences with other users and to discuss your points of interest with developers of PERMAS. An accompanying exhibition will also be organized.

Almost all contributions are presented by the PERMAS user community and addresses an international audience. So, the presentations will be held in English or German and will be interpreted simultaneously.

Use this opportunity to get information on up-to-date applications and software developments. It is hoped that we will see an exciting user meeting and we are looking forward to welcoming you in Heidelberg.



Conference date

Thu, April 26 and
Fr, April 27, 2012

Venue

Kongresshaus Stadthalle
Neckarstadt 24
D-69117 Heidelberg
Tel.: +49 6221 1422 60
www.heidelberg-kongresshaus.de

Registration

Please register by April 12, 2012, using the attached form. A letter confirming your registration will be instantly forwarded to you and will include additional information about the venue.

Conference fee

The conference fee is EUR 250. For each two participants from the same organisation one additional person can attend free of charge. University staff will pay only EUR 125. Presenters are free of charge. VAT must still be added to all fees. The conference fee includes conference proceedings, beverages, coffee breaks, attendance in the presentations, lunch on both days and a social event in the evening.

Cancellation policy

Cancellations received by March 13, 2012 will be refunded 100%. Cancellations received by April 3, 2012, will be refunded 50%. Unfortunately, we will not be able to refund any cancellation received at a later date. Of course, you can nominate a substitute for the registered person instead.

Hotel reservations

Near to the venue, a lot of hotels are available. A selection of hotels can be booked directly using a link which is provided on www.intes.de, if you follow the link to PERMAS Users' Conference.

In case of additional requests, please get in touch with the conference secretary.



Vegetarian food

Meals offered during the conference will include vegetable dishes. If you do not eat meat, please indicate this in the registration form.

Conference secretary

Franziska Hämmerle
INTES GmbH
Schulze-Delitzsch-Str. 16
D-70565 Stuttgart
Tel.: +49-711-784 99-30
Fax: +49-711-784 99-10
Email: info@intes.de
Web: <http://www.intes.de>

Donnerstag, 26. April 2012 / Thursday, April 26, 2012

- 08:45 Anmeldung / *Registration*
- 09:30 Begrüßung / *Welcome*
- 09:45 **FEA simulation of BEHR battery cooling devices**
H. Schroth, Behr GmbH & Co. KG
- Generalized dynamic condensation for launcher applications**
J.-F. Durand, K. Ma, Astrium-ST, J. Marchesini, INTES France
- Application of PERMAS in virtual brake development**
S. Carvajal, Dr. Ing. h.c. F. Porsche AG
- 11:00 Kaffeepause / *Coffee break*
- 11:30 **News from PERMAS Version 14**
R. Fischer, INTES GmbH
- 12:30 Mittagessen / *Lunch*
- 14:15 **Overview on VisPER Version 3**
O. Sommer, INTES GmbH
- Contact geometry update**
S. Hieber, M. Ast, INTES GmbH
- 15:30 Kaffeepause / *Coffee break*
- 16:00 **The PERMAS aided solutions towards a surveillance of high speed milling processes**
K. Kalinski, M. Galewski, M. Mazur, M. Chodnicki, Gdansk University of Technology
- FEA of a transverse leaf spring made of GFRP**
Th. Rupflin, ZF Friedrichshafen AG
- Development of a cockpit supporting frame from concept of design to start of production**
K. Bohnert, Dr. Ing. h.c. F. Porsche AG
- 17:30 Ende des ersten Tages / *End of first day*
- 19:00 Abendessen / *Diner*

Freitag, 27. April 2012 / Friday, April 27, 2012

- 09:00 **Non-linear analyses to investigate the sliding stability of two proposed concrete gravity section dams**
R. J. Minnaar, R. J. du Preez, Advanced Structural Mechanics (Pty) Ltd
- Structural analysis procedure of a nanosatellite**
M. Süer, E. Ümit, Simmecca
- The application of PERMAS for the design of turbo-machines**
D. Goerke, Th. Schmidt, F. Kocian, DLR Stuttgart, A.-L. Le Denmat, E. Nicke, DLR Köln
- 10:15 Kaffeepause / *Coffee break*
- 10:45 **Simulation methods for the sound radiation of gearboxes**
J. Neher, Hochschule Ulm/MAN Diesel & Turbo SE
B. Graf, Voith Hydro, B. Wender, Hochschule Ulm
- Vibration Analysis for Brake System Considering Contact Pressure**
K. Ashida, Nissin Kogyo Inc.
- Addressing complexity in pre- and post-processing for PERMAS applications using ANSA and mETA**
K. Gourgounis, BETA CAE Systems S.A.
- Complete optimization process on engine cooling module component**
B. Thomas, Ph. Gogé, Valeo Thermal Systems, N. Rannou, INTES France
- 12:30 Mittagessen / *Lunch*
- 14:00 **From CFD simulation to structural analysis: Improved boundary conditions with OpenFOAM**
M. El-Kamali, INTES France
- Optimizing stopper geometry in engine analysis**
R. Helfrich, M. Klein, I. Pflieger, INTES GmbH
- 15:00 Schlußwort / *Final remark*
- 15:15 Kaffee / *Coffee*
- 15:45 Ende der Konferenz / *End of conference*

Die PERMAS Anwenderkonferenz 2012 in Heidelberg wird veranstaltet von
The PERMAS Users' Conference 2012 in Heidelberg is organized by



Registration Anmeldung

Please forward to: / Bitte senden an:

INTES GmbH
Schulze-Delitzsch-Str. 16
D-70565 Stuttgart

Fax: +49-711-78499-10

I would like to register for the PERMAS Users' Conference (the registration is binding):

The conference fee is EUR 250. For each two participants from the same organisation one additional person can attend free of charge. University staff will pay only EUR 125. Presenters are free of charge. Additional tickets for the social event on April 26 for accompanying persons may be obtained at EUR 70 per person. VAT must still be added to all fees.

The conference fee includes conference material, beverages, coffee breaks, attendance in the presentations, lunch on both days and a social event in the evening.

Cancellations received by March 13, 2012 will be refunded 100% of the conference fee. Cancellations received by April 3, 2012, will be refunded 50% of the conference fee. Unfortunately, we will not be able to refund any cancellation received at a later date. Of course, you can nominate a substitute for the registered person instead.

Hotel reservation is possible via <http://germany.nethotels.com/info/heidelberg/events/PERMAS/default.htm> .

- I would appreciate your assistance in my hotel arrangements.
- No. of accompanying persons _____ attending the social event.
- I order vegetarian dishes.

Name:

Company:

Dept.:

Full address:

Phone/Fax/email:

Date:

Signature:

Official stamp:

Die PERMAS Anwenderkonferenz 2012 in Heidelberg wird veranstaltet von
The PERMAS Users' Conference 2012 in Heidelberg is organized by

INTES Ingenieurgesellschaft für
technische Software mbH

Schulze-Delitzsch-Str. 16
D-70565 Stuttgart

T +49-711-78499-0
F +49-711-78499-10

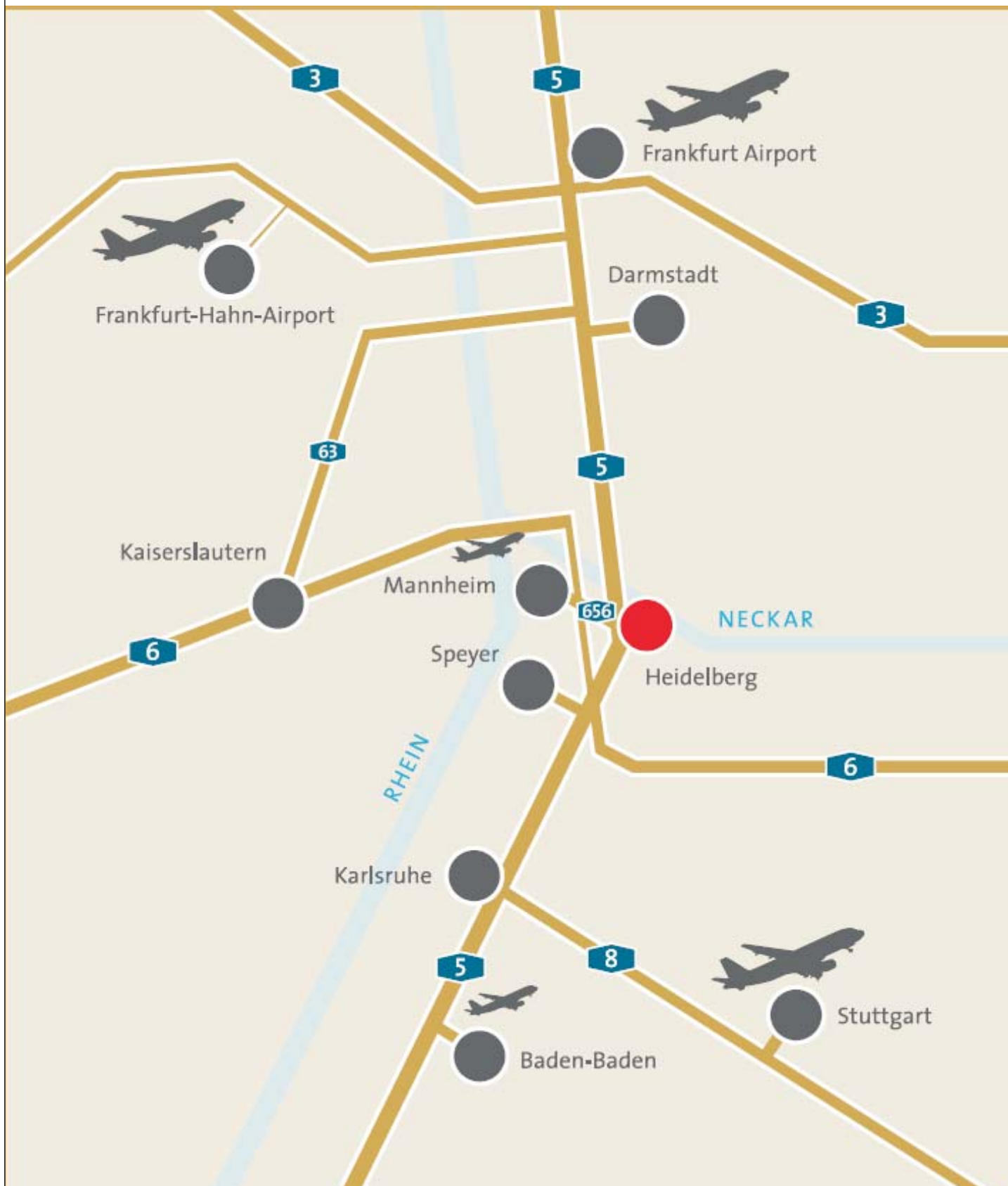
E info@intes.de
Web: <http://www.intes.de>

PERMAS Users' Conference

26-27 April 2012

Tagungsort / Venue

Kongresshaus Stadthalle
Neckarstr. 24
D-69117 Heidelberg
Tel.: +49 6221 1422 61
www.heidelberg-kongresshaus.de



PERMAS Users' Conference 26-27 April 2012



Philosophenweg

Neuenheimer Landstraße

Neuenheimer Landstraße

Neuenheimer Landstraße

NECKAR

Rhein-Neckar-Schifffahrt

Solarschiff

Theodor-Heuss-Brücke

Karl-Theodor-Brücke

Ziegelhäuser Landstraße

Neckarstaden

Neckarstaden

Neckarmünzplatz



Tagungsort / Venue

Kongresshaus Stadthalle
Neckarstaden 24
D-69117 Heidelberg
Tel.: +49 6221 1422 61
www.heidelberg-kongresshaus.de

Kongresshaus Stadthalle

Neckarstaden 24
69117 Heidelberg

i Tourist Information

P BUS Busparkplatz

T Busterminal

P Parkhaus

--- Anfahrtsweg Busparkplätze

--- Eingeschränkte Zufahrt zum Schloss

WC Öffentliche Toiletten