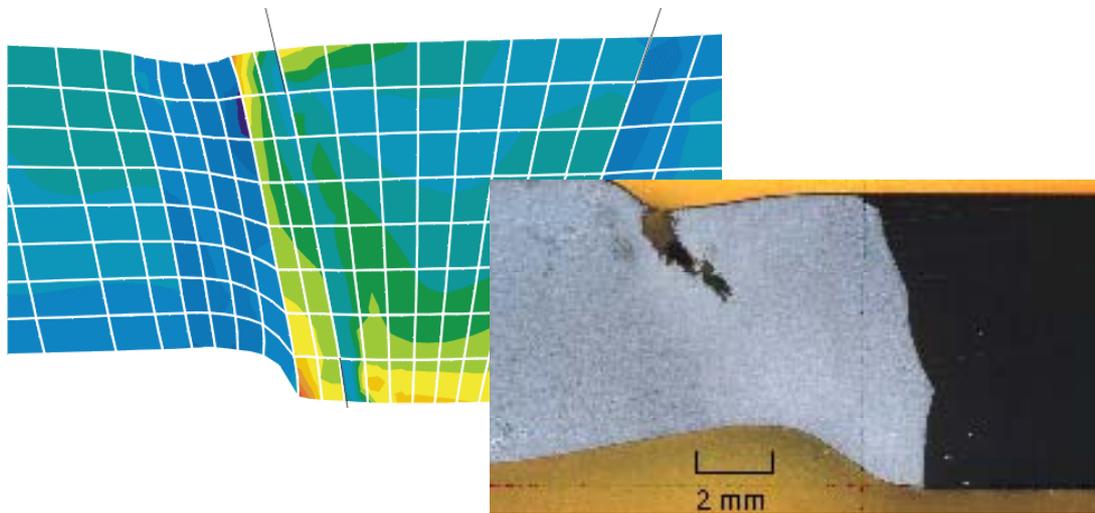


# 5<sup>th</sup> German-Japanese Seminar »Materials, Processes and Components«

June 27-28, 2007

Fraunhofer Institute for Mechanics of Materials

## First Announcement and Call for Papers



Topics of the Seminar

- Simulation of materials and processes
- New materials and fabrication processes, especially welding and forming
- Structural integrity assessment
- Testing and evaluation



Japan Welding Society



Universität Karlsruhe



Fraunhofer Institut  
Werkstoffmechanik

## Scope

The Japan Welding Society, the University of Karlsruhe and the Fraunhofer Institute for Mechanics of Materials have the pleasure to invite to the 5<sup>th</sup> German-Japanese seminar in Freiburg. The dates of June 27-28, 2007, are chosen in connection with the IIW Annual Assembly taking place in Dubrovnik, Croatia, July 2–7, 2007.

## Technical program

The technical sessions of the one and a half day meeting (Wednesday June 27, 13:00 h to Thursday June 28, 17:00 h) are planned to cover the following topics:

- Materials modelling (deformation and damage behaviour)
- Simulation of manufacturing processes (welding, heat treatment), distortion and residual stress analyses
- Components assessment, influence of residual stresses
- Testing and evaluation
- Fracture control design
- Fitness for service and structural integrity assessment
- Guidelines

## Social program

**June 27**, Evening: Conference dinner

**June 29**: Whole day excursion (visit of Freiburg, Black Forest or Alsace)

## Organisation

### Meeting place

Fraunhofer Institute for Mechanics of Materials  
Wöhlerstraße 11  
79108 Freiburg  
Germany

### Information and registration

Fraunhofer-Institute for Mechanics of Materials, Freiburg  
Dr. Dieter Siegele, phone: +49 761 5142 116, E-mail: [si@iwm.fhg.de](mailto:si@iwm.fhg.de)  
Angelika Beyaz, phone: +49 761 5142 201, E-mail: [bz@iwm.fhg.de](mailto:bz@iwm.fhg.de)

### Hotel reservation

We will send out hotel information in due time together with the actual program

### Conference fee € 100,- / 150,-

including conference proceedings on CD-ROM, coffee break, lunch and conference dinner.  
The fee of 150,- € includes also the excursion on Friday (fee to be paid at registration)

### Dates

May 15, 2005: Submission of abstracts  
May 30, 2005: Notification of acceptance of paper  
June 15, 2005: Submission of final manuscript for conference proceedings

### Paper submittal and registration

Please register by e-mail or fax using the separate registration form

### Travelling

Freiburg has direct ICE-train connections with Frankfurt/Main Airport (travelling time about 2 hours). Details on the website [www.iwm.fraunhofer.de](http://www.iwm.fraunhofer.de)