

## ***The 9<sup>th</sup> International Conference on Residual Stresses***

The 9th International Conference on Residual Stresses is intended as a continuation of the successful series initiated in Garmisch-Partenkirchen (Germany, 1986) and continued in Nancy (France, 1988), Tokushima (Japan, 1991), Baltimore (USA, 1994), Linköping (Sweden, 1997), Oxford (UK, 2000), Xi'an (China, 2004) and Denver (USA, 2008).

The conference provides a key forum for scientists, students, and engineers interested in the prediction, evaluation, control, and application of residual stresses. Equal emphasis is given to the measurement, modelling, and utilization of residual stress/strain data. Both the scientific and engineering aspects of these topics, such as the influence of residual stress fields on distortion, material response to loading, damage initiation and propagation, component performance, life and failure, will be addressed. Special attention is paid to method development and burning issues of great current interest, as, for example, stresses in nanosized systems, stress analysis using synchrotron radiation, etc.

### ***Registration***

Participants are requested to register by filling out the registration form as also described on the conference website. This form has to be sent by fax or email to the conference secretariat. Be aware that in the case of applying as a student, the student ID or another confirmation must be presented. Please keep an eye on the conference website for updated information.

### ***Organizing Committee***

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E.J. Mittemeijer  
S. Müller  
B. Scholtes  
W. Zinn

### ***Conference Secretariat***

S. Müller, Arbeitsgemeinschaft Wärmebehandlung und Werkstofftechnik (AWT)  
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### ***Scientific Committee***

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#### **Contact and further information**

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## **ICRS 9**

***International Conference  
on Residual Stresses***

**October 7 - 9, 2012**

**Congress-Centre  
Garmisch-Partenkirchen  
Germany**

**[www.mf.mpg.de/icrs9](http://www.mf.mpg.de/icrs9)**

**Chairmen:**

**Prof. Dr. Ir. Eric J. Mittemeijer<sup>1</sup>**

**Prof. Dr.-Ing. habil. Berthold Scholtes<sup>2</sup>**

<sup>1</sup> Max Planck Institute for Intelligent Systems, Stuttgart, Germany  
(formerly Max Planck Institute for Metals Research)

<sup>2</sup> University of Kassel, Germany

## Conference Location



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The conference will be held in the time period October 7-9 2012 in the Congress Centre in Garmisch-Partenkirchen (Germany). Garmisch-Partenkirchen is located in the Bavarian Alps at the foot of the mountain 'Zugspitze', the highest mountain in Germany (2,962 m/9,724 ft).

Garmisch-Partenkirchen can be reached by car or by train. From Munich, main station, the train ride takes about 1½ hours. Munich International Airport provides connections to many destinations in Europe and worldwide.



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Accommodation in Garmisch-Partenkirchen can be booked in many different guest houses and hotels. A wide range of accommodation standards and prices, ranging from bed & breakfast-type accommodation to five-star hotels is available. Please watch the conference website for further information ([www.mf.mpg.de/icrs9](http://www.mf.mpg.de/icrs9)).

## Call for Contributions

Participants are invited to submit an abstract of their contribution using the format described in the 'Call for Contributions' section of the website (deadline: see below). The abstracts will be collected in a booklet available at the conference. Contributions can be presented as talks or posters, on the basis of author's request and evaluation by the scientific committee.

It is planned to publish papers of all accepted contributions in the form of Conference Proceedings in a volume of the journal *Materials Science Forum*, which is covered by SCI (Science Citation Index). Manuscripts should be submitted by the end of October 2012.

## Support

A number of grants for colleagues from less-favoured countries will be made available. To be eligible, candidates should provide a brief curriculum vitae and the abstract of their intended contribution. Support can be partial or total, depending on fund availability.

## Deadlines and Important Dates

*Abstract submission:* 28<sup>th</sup> March 2012

*Acceptance notification:* 4<sup>th</sup> May 2012

*Registration deadline (early registration fee):*  
30<sup>th</sup> June 2012

*Registration deadline (full fee):* 6<sup>th</sup> September 2012

*Conference:* 7<sup>th</sup> - 9<sup>th</sup> October 2012

*Proceeding submission:* 31<sup>st</sup> October 2012

## Fees

The conference fee including lunches and dinners as given in the schedule below as well as coffee breaks, abstract booklet and conference proceedings will be 550 € (early registration) for regular participants and 250 € (early registration) for students. After the deadline for early registration has expired, the fees will increase by 100 € with respect to the early registration fee.

Please note that all conference fees do not include 7% VAT.

The ICRS9 Conference is generously sponsored by the **Anton Paar GmbH, Bruker AXS, Max Planck Society, PANalytical, Proto Manufacturing and Rigaku.**

## Conference Schedule

### Saturday, 6th of October

Afternoon: Registration

### Sunday, 7th of October

Morning: Registration

Lunch

Afternoon: Lectures

Dinner

Poster session

### Monday, 8th of October

Morning: Lectures

Lunch

Afternoon: Excursion to 'Linderhof'

Conference Dinner

### Tuesday, 9th of October

Morning: Lectures

Lunch

Afternoon: Lectures