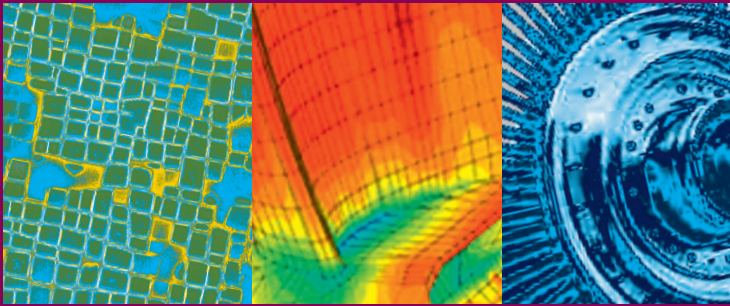


**DGM**

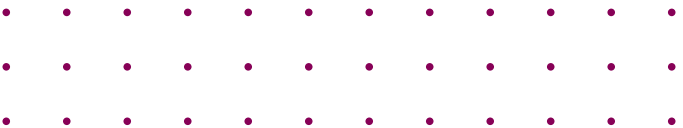
1st Announcement  
**Call for Papers**

**Euro**  
**Superalloys**

**European Symposium on Superalloys  
and their Applications**



**25-28 May 2010**



Freiburg  
Germany

Deutsche Gesellschaft  
für Materialkunde e.V. - DGM

**DGM**

Co-sponsored by

Société Française de Métallurgie  
et de Matériaux - SF2M

**SF2M**

[www.dgm.de/superalloys](http://www.dgm.de/superalloys)

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## Scope

Superalloys have regained momentum: There are worldwide efforts to increase the efficiency and to extend the lifetime of energy conversion facilities. Materials in those new scenarios depend on improved materials and manufacturing techniques. They are supposed to exhibit outstanding mechanical strength and creep resistance at high temperatures as well as corrosion and oxidation resistance. Superalloys have this potential. Though many of the commercial grades still base on metallurgical concepts that date back to the 1980's. They have typically been employed in only a few prominent areas. Progress to improve their temperature capability and to adapt manufacturing processing to new application fields represent major challenges for today's researchers in both industry and academia.

This European Symposium on Superalloys will present and discuss the current state of progress in development, production and behaviour of cast, wrought and powder-metallurgical superalloys as well as of associated coating systems. More-over, recent advances in metal-based materials will be addressed aiming at properties beyond those of Superalloys with respect to e.g. temperature capability or density.

The organisers at DGM and SF2M feel that there is a need beyond the most successful US-American Superalloys Conference to serve the European Community every four years in-between.

The organisers look forward to receiving many papers.

*Martin Heilmaier*  
Chairman

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## Topics

The following subjects will be discussed:

- Solidification
- Processing
- Environmental Properties
- Mechanical Behaviour
- Alloy Development
- Life Prediction Methodologies
- Modelling and Simulation
- Performance of Materials in Service Environments
- High Temperature Coatings
- Joining and Repair Techniques

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## Call for Papers

The organisers invite prospective authors to submit an abstract relating to the conference topics. Abstracts should not exceed 300 words in length and should be submitted through the conference website.

The abstracts will be evaluated, and if accepted, the authors will be informed about the kind of presentation (oral or poster). Especially young scientists are very welcome to actively contribute to the conference by submitting an abstract.

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## Programme Committee



**Chairman**  
**Prof. Dr. Martin Heilmaier**  
Technical University of Darmstadt, Germany



**Werner Balbach**  
ALSTOM, Baden, Switzerland



**Pierre Caron**  
ONERA, Châtillon, France



**Helmut Clemens**  
University of Leoben, Austria



**Antonin Dlouhy**  
Academy of Sciences, Brno, Czech Republic



**Stefan Drawin**  
ONERA, Châtillon, France



**Jörg Eßlinger**  
MTU Aero Engines, Munich, Germany



**Jean-Yves Guédou**  
Snecma, Moissy-Cramayel, France



**Philippe Héritier**  
AUBERT & DUVAL, Les Ancizes, France



**Jutta Klöwer**  
ThyssenKrupp VDM, Werdohl, Germany



**Valentino Lupinc**  
CNR-IENI, Milan, Italy



**Cathie Rae**  
University of Cambridge, UK



**Roger C. Reed**  
University of Birmingham, UK



**Joachim Rösler**  
Braunschweig University of Technology, Germany



**Robert F. Singer**  
University of Erlangen-Nürnberg, Germany



**Martin Stockinger**  
Böhler Schiedetechnik, Leoben, Austria



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## General Information

### Location

The symposium will take place in a cosy estate in the wine growing upper Rhine valley where Germany meets France. Schloss Reinach situated close to the city of Freiburg, between the Black Forest and the Vosges hills, offers excellent conference facilities and hotel rooms. Due to its lovely courtyard and several inside and outside refreshment opportunities, it provides a summer school atmosphere that facilitates social interaction also beyond the technical programme.

Hotel Schloss Reinach  
St. Erentrudisstr. 12  
79112 Freiburg-Munzingen  
[www.schlossreinach.de](http://www.schlossreinach.de)

### Conference Fee

Students: EUR 250,-  
University: EUR 500,-  
Industry: EUR 750,-  
The conference fee includes admittance to the Technical Programme, coffee breaks, Welcome Reception and Conference Dinner.

### Key Dates and Deadlines:

#### Submission of Abstracts

31 Oct 2009

#### Notice to Authors

Nov 2009

#### Preliminary Programme

Jan 2010

#### Submission of Manuscripts

Mar 2010

### Conference and Exhibition Secretariat

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Web: [www.dgm.de/superalloys](http://www.dgm.de/superalloys)

### Exhibition / Poster Presentation

An exhibition will be run throughout the whole conference in the exhibition hall adjacent to the lecture halls. Coffee breaks and poster sessions will be held close to the exhibition area. A prize for the best poster will be awarded by the Programme Committee.

### Proceedings

The papers presented at the conference will be published in a proceedings volume that will be available after the conference. Detailed instructions for the authors will be available on the conference website.