

PRESS RELEASE  
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## **2<sup>nd</sup> International Conference on High Temperature Shape Memory Alloys (HTSMAs) 15-18 May 2018, Kloster Irsee (Bavaria, Germany)**

There is growing interest from academia and industry in high-temperature shape memory alloys, as these represent a fascinating field both from a basic science and an application point of view.

Recent literature demonstrates that substantial progress has been made since the first conference in 2015 exclusively devoted to this topic.

In fact, some of the materials developed lately, are already very attractive in terms of microstructural stability, reversible transformation strain and price of the constituents.

The field is still rapidly evolving and the impact of new concepts such as high entropy alloys is not even clear yet.

Thus, there is again a need to bring together the leading experts in order to advance the field and to bridge the gap „From Basics to Applications“.

The 2<sup>nd</sup> Conference on High Temperature Shape Memory Alloys, which will be held from May, 15<sup>th</sup> - 18<sup>th</sup> in Kloster Irsee (Bavara, Germany), will provide a setting for all those interested in basic aspects and applications of high temperature shape memory alloys. There will be ample time to exchange ideas and discuss the latest research.

The conference is expected to shed new light on the different aspects of the processing-microstructure-property relationships, characterisation, testing, and modelling and last but not least on applications of high temperature shape memory alloys.

The following topics of the conference will be discussed:

- Constitution and Alloy Development
- Processing
- Characterization and Testing
- Functional and Structural Degradation
- Modeling
- Applications

The scientific program is available online at the conference homepage:

<https://htsmas2018.dgm.de>

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**About Deutsche Gesellschaft für Materialkunde e.V. (DGM) / German Materials Society**



The German Materials Society / Deutsche Gesellschaft für Materialkunde e.V. ([www.dgm.de](http://www.dgm.de)), founded in 1919, is the largest scientific and technical society in the field of materials science and engineering in Germany. The DGM represents the interests of its members ensuring continuous development in the field of materials science and engineering with regard to content, structure and human resources. Furthermore, individual members, companies and universities are part of DGM. The involvement and promotion of young material scientists and engineers at an early stage is one of the central issues to which DGM applies itself. The spectrum of services for the support and development of young people includes excursions, young DGM local groups, forums, career workshops, academies as well as special publications or alumni meetings.

DGM organises more than 40 continuous training courses with over 600 participants annually. Over 2300 people attend the annual DGM conferences and more than 2500 experts actively participate in 70 technical and working committees of DGM. Therefore, DGM contributes to the transfer of knowledge, the continuous exchange and networking in the field of materials science and engineering.

For further information about DGM and its activities please contact:

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## Über die DGM

Die Deutsche Gesellschaft für Materialkunde e.V. ([www.dgm.de](http://www.dgm.de)) ist die größte technisch-wissenschaftliche Fachgesellschaft auf dem Gebiet der Materialwissenschaft und Werkstofftechnik in Europa. Die DGM fördert mit ihren interdisziplinären Fachausschüssen, Veranstaltungs- sowie Fortbildungsreihen den Dialog zwischen Wissenschaft und Industrie.



Der Verein mit Sitz in Frankfurt sorgt für eine deutschlandweite und internationale Vernetzung der Experten, organisiert europaweit Tagungen und Kongresse und bezieht auch den Nachwuchs ein. Mit Exkursionen, vergünstigtem Zugang zu Fortbildungs- und Tagungsplätzen, einer Jugendvertretung („Jung-DGM“) und speziellen Nachwuchsveranstaltungen unterstützt die DGM junge Materialwissenschaftler und Werkstofftechniker. Die Fachausschüsse der DGM decken nahezu alle Materialklassen, Prozesstechniken zur Materialherstellung und -verarbeitung, Erkenntnis- und Anwendungsfelder im Bereich der Materialwissenschaft und Werkstofftechnik ab.

#### Weitere Informationen

Mehr Informationen zur DGM finden Sie unter <http://www.dgm.de> oder können direkt bei der DGM angefordert werden.

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