



© Kongresshotel

## Venue

### Kongresshotel Potsdam

Am Luftschiffhafen 1  
14471 Potsdam  
Germany  
<https://www.kongresshotel-potsdam.de>

## Conference Fees (incl. 19% VAT)

Normal Price	750 EUR
Young Researchers up to 30 years	500 EUR

## Prospective Key Dates

Submission of Abstracts	Summer 2019
Submission of Abstracts (Deadline)	31. October 2019
Confirmation to Authors	December 2019
Preliminary Programme	February 2020

## Conference Office

### INVENTUM GmbH

Marie-Curie-Straße 11-17  
53757 Sankt Augustin  
Germany  
T +49 (0) 2241 2355449  
F +49 (0) 2241 4930330  
[fdmd@inventum.de](mailto:fdmd@inventum.de)

4<sup>th</sup> International Symposium on

# Fatigue Design and Material Defects

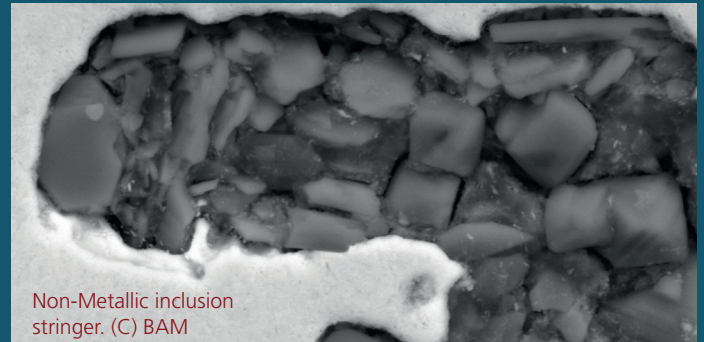
26. – 28. May 2020

Potsdam, Germany

1<sup>st</sup> Announcement



Bundesanstalt für  
Materialforschung  
und -prüfung



Non-Metallic inclusion  
stringer. (C) BAM

<https://fdmd2020.inventum.de>

**INVENTUM**

# About The Conference

Following the successful symposia of Trondheim in 2011, Paris in 2014 and 2017 in Lecco we wish to announce the **4<sup>th</sup> International Symposium on Fatigue Design and Material Defects from May 26. – 29. 2020 in Potsdam, Germany.**

Material defects such as non-metallic inclusions, pores, micro-shrinkages etc. play a crucial role in fatigue crack initiation and propagation which in turn has significant consequences for structural integrity in terms of lifetime, fatigue strength and other characteristics of cyclically loaded components.

The main objectives of the symposium are to improve the understanding of the mechanisms and the impact of defects on structural integrity, and to work out measures to improve the fatigue properties of materials and components.

To that purpose presentations are welcome which address the following topics:

- Defects and manufacturing processes
- Defect detection and monitoring
- Statistical considerations
- Defects and fatigue strength
- Short fatigue crack propagation starting at defects
- Critical defect sizes
- Defects as root causes of structural failure
- Modelling fatigue life and strength taking into account defects

All materials are concerned, particularly:

- High strength steels
- Cast aluminium alloys
- Nodular cast iron
- Sinter materials
- Weldments
- Materials generated by Additive Manufacturing

Further Information to this congress will follow soon.

Be welcome in Potsdam 2020!

Sincerely yours,



**Dr. Uwe Zerbst**

Bundesanstalt für Materialforschung und -prüfung  
(Berlin, Germany)  
Chairman



**Dr. Mauro Madia**

Bundesanstalt für Materialforschung und -prüfung  
(Berlin, Germany)  
Co-Chairman

# Exhibition & Sponsoring

## Exhibition

An exhibition will be held in conjunction with the conference. Coffee breaks, lunch, and poster sessions will be held in the exhibition area.

Price per m<sup>2</sup> 195 EUR

This includes:

- Exhibition area (min. 6 m<sup>2</sup>)
- One exhibitor pass which is also valid for visiting the scientific programme

Electricity, additional technical support, furnishing and/or catering are available for an additional fee on request.

## Conference Material

Conference bags	1,500 EUR
Lanyards	500 EUR
Writing pads	400 EUR
Pens	150 EUR
Name badges (your company logo printed on the personal name badges)	500 EUR

## Social Events

(prices on request)

Welcome reception  
Coffee breaks  
Lunch breaks  
Poster evening  
Conference dinner

## Poster Exhibition

500 EUR

Your company logo will be printed on every poster number label, which will be affixed to every poster.

As exhibitor and sponsor of the conference, your company logo and profile (max. 1,000 characters) will be placed on the conference website and in the programme brochure.

*All exhibition and sponsoring fees are in Euros and do not include 19% VAT.*

Please feel free to contact us for any questions or proposals regarding your company's presentation.