

Submission deadline for
abstracts: 15 September, 2019

Call for
Papers

SUBMISSION CONDITIONS

Please submit your abstract by
15 September, 2019

- » Please use the online portal at bearingworld.org to submit your abstract. Abstracts must include the name, address, telephone number and e-mail address of all authors and must be assigned to one of the main topics.
- » The conference will be held in English.
- » Conference report for the conference proceedings in English.
- » Presentation slides in English.
- » Each presenter will be allocated 20 minutes for presentation plus 5 minutes for discussion.
- » Participants will receive download links for authorised presentations after the conference.

Key Deadlines

Deadline for abstracts: **15 September, 2019**
 Submission of Conference report: **31 January, 2020**

Organisation

**Head of Programme Committee and Scientific Board,
 Editor of Bearing World Journal**
 Prof. Gerhard Poll, IMKT Leibniz Universität Hannover

Conference Organisation

Dirk Arnold Brigitte Becker
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Process

All abstracts will be submitted to the Programme Committee for selection.

Peer-Reviewed Bearing World Journal

Additionally, it is possible to publish your contribution as extended paper in our high-class scientific "Bearing World Journal", which will be published after the congress. Please mark the checkbox in submission form if you are interested in that.

Benefits for Presenters

- » Free participation in the conference
- » Refreshments and evening event
- » Free copy of the conference proceedings
- » Optional publication in scientific "Bearing World Journal"
- » Free copy of scientific "Bearing World Journal"

Location

Wienecke XI.
Hildesheimer Strasse 380
D-30519 Hannover

Technical Sponsor

Forschungsvereinigung Antriebstechnik e.V. (FVA)
Lyoner Strasse 18, D-60528 Frankfurt

Organiser

FVA GmbH, Lyoner Strasse 18, D-60528 Frankfurt

More information at fva-net.de

Media partner:



BEARING WORLD

by FVA

3rd International FVA-Conference

The Expert Forum for Bearings – Rolling and Plain Bearings!

31 March – 1 April, 2020 in Hannover, Germany

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Bearing World 2020 – presented by



INVITATION

BEARING WORLD presented by FVA – Third expert forum “Industrial Research and Science in Dialogue with Practical Application” focusing on the topic of bearings in theory and application.

Ladies and gentlemen,

In technology, wherever there is movement, rolling element and plain bearings are an essential. This is true for general mechanical engineering, the automotive industry and others. Bearings transmit operating forces between moving machine components, and therefore play a crucial role in functionality, efficiency, and service life of the overall machine or system. The stresses on rolling bearings in particular are very high, and will continue to increase in the future, as will expectations of reliability. Therefore, appropriate bearing selection and dimensioning as well as the optimal design of the bearing environment are indispensable. This requires constant growth in expertise based on practical experience and scientific knowledge. This includes, for example, bearing installation to ensure optimum clearance and preload, lubrication and sealing design, corrosion protection, condition monitoring, and targeted improvements based on extensive failure analysis.

BEARING WORLD focuses on all aspects of bearings.

The goal of BEARING WORLD is to promote the exchange of knowledge and experience between universities and engineers from the industry who are involved in or responsible for the design, development, manufacturing and assembly, or the practical operation or maintenance of bearings.

Be part of it! Contribute to the programme by providing your knowledge and experience, and take advantage of the opportunity to share information!

We look forward to receiving your proposals for the FVA-BEARING WORLD.

The BEARING WORLD Programme Committee



PRIMARY TOPICS

BEARING WORLD focuses on all facets of bearings and all involved components, with special emphasis on rolling bearings – in combination with or comparison to plain or magnetic bearings.

- » Drive technology applications and challenges to bearings
- » Calculation and bearing dimensioning
- » Life and durability
- » Energy efficiency
- » Rolling bearing dynamics
- » NVH (noise, vibration, harshness)
- » Bearing damage
- » Protective seals for rolling bearings
- » Manufacturing aspects, tolerances
- » Validation
- » Lubrication
- » Lab testing vs. field performance
- » Smart bearings
- » Model-based systems engineering

Trade exhibition

Offer the participants further information about your presentation at your company stand at the trade fair. Information on the exhibition can be found at bearingworld.org.



Programme Committee

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Scientific Board

More than thirty renowned scientists from 11 countries from all over the world are gathered here. They review and evaluate the conference presentations before they are published in the Bearing World Journal. In addition, some of them will be available at the conference as moderators, speakers and discussion partners.

Industrial research and science in dialogue with practice – this is what makes the international FVA-Expert Forum Bearing World a special event you shouldn't miss. Be there – whether as a speaker or participant.

See you in Hannover 2020!

