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SUCCESSFUL PREMIERE FOR BEARING LOR



The drive technology industry cannot move toward the future without (rolling) bearings. The 200 domestic and international participants from science and industry who were able to attend the premiere of the only international scientific conference dedicated to bearings were able to experience this first hand. The core topics of reliability and efficiency were the focus of the event, which was organized by FVA (the German research association for drive technology, Forschungsvereinigung Antriebstechnik e. V.) and Professor Gerhard Poll of Leibniz Universität, Hannover.



FVA hosted BEARING WORLD, the first ever international conference dedicated to bearings, which took place April 12 and 13 in Hanover under the motto "Industrial Research and Science in Dialogue with Practical Application." The expert conference was well received by the more than 200 participants from 11 countries. With the international conference, FVA charted new territory in two ways.

First, FVA expanded its conference offerings to include an additional topic: bearings. Secondly, with BEARING WORLD, FVA has presented itself to an international stage.

Thus far, FVA has been successful on a national level with conferences dedicated to gear production (GETPRO), lubrication (GETLUB), simulation (SIMPEP), and electromobility (E-MOTIVE).

INTERNATIONAL COOPERATION IN RESEARCH AND DEVELOPMENT IS ESSENTIAL

International Cooperation in Research and Development is Essential FVA's internationalisation follows the logic of the market and, consequently, the needs of researchers and developers in industry and science. With regard to the international rolling bearing market, Dr. Arbogast Grunau, Head of Corporate R&D Competence and Services, Schaeffler AG and Chairman of the FVA Management Board, stated: "A global market means that we should also think globally. This is an invitation for international collaboration in research and development. This applies to companies as well as scientific institutions. BEARING WORLD is our response to this requirement."



Digitisation also plays an important role for rolling bearings, which affects all business areas. Regarding the challenges in rolling bearing development, Rainer Eidloth, Senior Vice President Bearings-Components Development at Schaeffler

AG, stated: "In the digital world, for example within the context of Industry 4.0, connected information and data is a key foundation. As a core component, bearings are predestined to gather and communicate relevant drivetrain parameters.

The challenge is now to connect rolling bearings and sensors in such a way that the data is useful for OEM's and customers in a standard format."



Research Needed to Meet Major Challenges for the Bearings of the Future

In his keynote, Bernd Stephan, Senior Vice President of Group Technology Development, SKF Group, addressed the question of whether bearings constitute **standard goods or high-technology products:** "Rolling bearings are very complex machine elements.

Rolling contact as an essential function of rolling bearings has not yet been fully researched.

There is also great progress to be made in the tribological system between rolling bearings and lubricants. New materials such as special steels and ceramic rollingbodies open completely new dimensions. In this context, we are certainly dealing with a high-tech product."

On the importance of rolling bearings in the drivetrains of the future,

Dr. Tobias Lösche-ter Horst, General Manager of Powertrain Research, Volkswagen AG, said:

"The drivetrains in future automotive applications will continue to make very specific demands of rolling bearings, for example in terms of dynamics, temperature behaviour, and space. Rolling bearings will continue to be central machine elements



Positive Conclusion

Bernhard Hagemann, acting managing director of FVA, was very satisfied with the premiere of Bearing World: "It is very important for the FVA research community and for users in the industry to network internationally and to receive ideas from around the world.

The high number of participants at our premiere is proof of the great interest in the international format and the contents of the event. We are extremely satisfied with the start and will continue on the path of internationalisation.

We are looking forward to the next BEARING WORLD, here in Germany or abroad."



You can contact Mr. Bernard Rensinghoff by phone: 069 / 6603-1864 or e-mail: bernard.rensinghoff@vdma.org
for all future updates concerning BEARING WORLD
or check on the websites www.fva-net.de – www.bearingworld.org

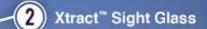
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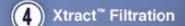
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5 Xamine™ Oil Analysis

6 Xpel™ Color-Coded Tags & Labels

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A Mega Successful

First Edition of 'The Bearing Reliability Conference & Expo' held in Dortmund The first edition of the Bearing Reliability Conference & Expo is held on 22-23 March in Dortmund with over 120 participants from 11 different countries, where the industry players found the chance to come together during a two days' knowledge & networking event.



ALL THE ATTENDEES EXPERIENCED FOR TWO DAYS LONG 28 POWERFUL SPEAKERS FROM BOTH THE BEARING & RELIABILITY COMPETENCES,

listened to selected experts presenting their strategies to make the bearing and their assets more reliable.

There were in total 8 workshops designed to help implementing the best strategies and the chance to visit the key industrial players at the Exhibition center.

After the mega successful first edition of BRCE2016, the decision is made quickly to continue with this great concept and to run BRCE2017 in the Westfalenhallen Dortmund in Autumn 2017.



Don't miss the chance and send an email to info@bearing-news.com

if you would like us to keep you up-to-date about the second edition of the Bearing Reliability Conference & Expo 2017. Look forward to see you in 2017!

Bearing Reliability Conference & Bearing Reliability Conference & Links halam. Bearing Kellaomity Lomerence of the links below:



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This workshop considers the softer (but harder!) issues that need to be addressed to ensure we get good life from our bearings and equipment in general, because we don't normally achieve the life that our equipment is capable of.



Bearing and Equipment Lubrication Strategies Getting it Right



Root Cause Analysis Exploring the Apollo Root Cause Analysis Program and Methodology



Equipment Reliability and



KPI's and Performance Parameters

Best Practices in Predictive Maintenance Training



Planning and Scheduling



A Well Run Predictive Maintenance Program Exploring the key ingredients and control parameters of an effective PDM program

Bearing Life Condition and Prediction



Vibration Sensors and Monitoring **Equipment Developments**



Improving the diagnostic capabilities with Big Data Analytics and Prognostics



Reliability Consulting



Filtration for prolonged oil service Life



Bearing Root Cause Failure Analysis How to define the causes of bearing wear and damage through raceway and component investigation

Best Practices in



Oil Analysis Using Oil Analysis methodologies to control levels of Oil Contamination and how to reduce wear and failure.

The Role of Oil Analysis in Predictive Maintenance



The Importance of Raw Material purity and cleanliness requirements, for precision bearing rings



Manage, Coach and Lead Exploring the practical skills and tools for a new frontline leadership

From Control Drive Management to Self Driven Leadership



Oil Mist Technologies





The use of Ultra Sound within Bearing Maintenance and Prediction Strategies

The Monitoring of low frequency bearings



The Bearing Industry Responsibilities



ISO 55001:2014 Asset Management
Applying ISO 55001:2014
standard to your reliability and
asset management strategies

Best Practices in



Shim Rings: Cost reduction in Assemblies and design Tips



The UE System approach to controlling your greasing strategies



Maintenance, Getting The Formula Right



Protecting VFD Driven Motors from Bearing Currents



Effective Sealing Preventing ng Oil Conta



Equipment Alignment for



Low-speed bearing monitoring Challenges and Solutions



Lubrication Reliability

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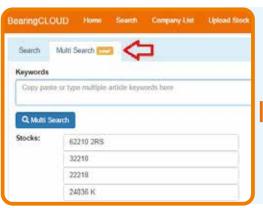








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