



On the Right Track: Your Whistle-Stop Rail Knowledge Tour

Offering valuable insights from experts, SKF invites you to engage in conversations around performance, digitalisation and sustainability. And all this in one place!

As a locomotive of human progress, the rail industry has always been at the crossing of innovation and advancement. It is an industry that encapsulates our collective aspirations for connectivity and sustainable development. Today, we find ourselves at an exciting crossroads where technology and innovation are redefining the contours of the railway industry.

A Response to Transformation

Riding the rails of this transformative wave, several key areas have emerged as crucial pivot points: performance enhancement, digitalisation and sustainability. Each area comes with its unique set of opportunities and challenges.

Performance in the rail industry is a many-splendored thing, covering a wide range from service reliability to infrastructure resilience. As the industry leaps forward, the magnitude of the challenge to maintain and even improve these factors is ever-increasing. In this context, SKF, a leader in bearings and rotating equipment such as wheelsets, axleboxes and drivetrains, can become your crucial ally. With an intimate understanding of the industry's beating heart, SKF is ideally positioned to help rail operators maintain optimal performance of their fleets.

Digitalisation, the transformative force of the 21st century, is also rewriting the playbook in the rail industry. It promises a future where rail services are more efficient, reliable and responsive. However, integrating digital technologies into the intricate fabric of this industry is a herculean task, calling for an evolution of practices and processes along with the adoption of new technologies. SKF, with its pioneering work in condition monitoring services, is at the forefront of this digital transition, enabling operators to ensure safer and more reliable operations.

Sustainability, a principle that has become a pressing necessity in all walks of life, takes on a broader meaning in the rail industry. It's not merely about reducing emissions and increasing efficiency but about embedding a range of practices aimed at minimising the industry's environmental footprint. This holistic challenge involves developing solutions that are effective, efficient and sustainable. SKF, with its innovative approach to remanufacturing, addresses this challenge head-on, giving railway components a new lease of life, thus saving resources and reducing waste. Recognising the imperative need for knowledge sharing and collaboration in these evolving areas, SKF has curated a series of Railvolutionary webinars. In these enlightening sessions, experts from diverse fields share their knowledge, elucidating various issues and possible solutions.

What's On?

In the inaugural webinar, SKF Railway Sustainability Manager Katarina Wising explored how SKF is embedding sustainability best practices in its

operations and customer applications, showing SKF's commitment to helping operators reduce their environmental footprint.

This was followed a session given by SKF's Railway Head of Digital Solutions, Victor Martinez, where he shared his wealth of knowledge on IoT. He unveiled SKF's latest digital tools and systems, painting a picture of a future driven by smart, connected solutions that enhance efficiency and reliability for rail operators.

In a subsequent webinar, the complex world of wheelset bearings was opened up by Jan Babka, Railway Application Competence Center Manager at SKF. Babka's deep dive into this topic helped demystify various solutions and guided operators in navigating the "jungle" of wheelset bearings, an area where our experts' applicational knowledge is unmatched.

A compelling session with SKF's Jochen Baum focused on the limitations of traditional bearing life calculation methods, a model initially developed by SKF and widely used in the industry for over 70 years. Baum acknowledged the evolving landscape and the growing demands on bearings due to real loads, kickstarting a crucial dialogue on these challenges.

Missed our first webinars? Don't fret. We recorded all sessions and made them available for you to watch whenever you like!

No Terminal Station in Sight

That said, our Railvolutionary series is set to continue, illuminating various other aspects of the industry. Jens Goldenbohm, SKF Railway Industry Manager, along with Bernd Bauer, SKF Industrial Sales' Training Manager will unravel the often-overlooked challenge of railway noise in an upcoming webinar. In addition, Maurizio Giovannelli will delve into the fine balance between product and product lifecycle, underlining the need for operators to take a long-term view when making procurement decisions.

As a companion to these webinars, the 'Ask an Expert' series features seasoned professionals answering specific questions, sharing their expertise and empowering operators with personalised insights. On top of that, our team provides regular railvolutionary updates in the form of news articles, from which you can learn more about upcoming trend topics and

challenges, such as overcoming the workforce shortage, performance-based service contracts and strategic partnerships for improved condition monitoring.

Next Stop: Smart, Sustainable Success

In an industry that is continually evolving, resources like these mentioned offer valuable insights, helping operators get set for the future. The success of the rail industry lies not only in advanced components but also in the knowledge and preparedness of those who operate them. SKF's unrivalled expertise in rotating equipment, condition monitoring services and remanufacturing, coupled with these resources, ensures operators are equipped to navigate the changing landscape. Together, we can drive towards a future that is smarter, more sustainable and more efficient.

Missed our first webinars? Don't fret. We recorded all sessions and made them available for you to watch whenever you like!

Go to **Railvolutionary Webinars** and see them all. Also, read some related articles in the **Railvolutionary Updates**.

For more information contact railways@skf.com.

Interested to see more Railvolutionary content go to railvolutionary.com and **sign-up** for the regular updates.



SKF service engineer on site



Rail- volutionary

Supporting you through tomorrow's rail challenges

Set off toward the future of the railway industry with SKF! Experience insights and knowledge delivered straight to you through our **railvolutionary updates and expert-led webinars**. From emerging trends in performance and digitalization to advances in sustainability and remanufacturing, we've got the pulse of the industry at your fingertips. Don't miss out on our Ask an Expert video series, where SKF experts answer important questions, providing personalized insights like never before.

Join us on a transformative journey where superior performance and efficiency meet innovation. At SKF, we're not just part of the railway industry; we want to help you shape its future. Get on board with us. The destination: a greener, efficient, and digitalized rail industry.

Scan the QR code to gain access to the latest railvolutionary activities from SKF and the wider rail industry!



railvolutionary.com