

Science Park

The High Tech Incubator

ESA



space solutions

Austria esa-bic.at

Page

www.sciencepark.at

The background is a deep space scene. It features a dense field of small, distant stars in white and yellow. A prominent blue nebula with wispy, ethereal structures is located on the right side. Several thin, glowing lines in shades of blue and purple arc across the scene, suggesting celestial orbits or gravitational fields. The overall color palette is dominated by dark blues, blacks, and the vibrant colors of the nebula and light trails.

ZYGO



Zyglox

Predict, not react: Proactive condition monitoring for rotating parts with our next-gen sensor system.

We are developing an innovative sensor system for contactless condition monitoring of rotating machinery parts.

Rotating machinery parts are subjected to complex loading situations (e.g. railway, vehicles, airplanes) which are difficult to monitor with state-of-the-art solutions. By utilizing cutting-edge space technology, we aim to develop a new product that can overcome these challenges and provide the foundation for a new type of condition monitoring system.

USP

Adapted and reliable technology for hard-to-reach applications.

Target market

Rolling stock and general vehicle industry OEMs and operators.

Space connection

Our product requires precise and reliable sensor technologies, which are developed as essential components for space applications.

Team

Erik Gerstl and Jakob Moder

Social media channels

[LinkedIn](#)

Contact: Erik Gerstl (erik.gerstl@zyglox.com)

Website: <https://www.zyglox.com/>