

Dear Colleagues, we would like to invite you to visit two on-line lectures presented by:

Dr. Stephan André Böhme
Kongsberg Maritime

The lectures will concern:

**Scientific and Technological Challenges in Contemporary
Fatigue Design of Gear Components**

Time: June 3, 2022 (Friday) at 8.30 AM CET, duration 45 minutes + discussion

**Tooth Flank Fracture in Spiral Bevel Gears - Multiaxial
Fatigue and Material Properties**

Time: June 3, 2022 (Friday) at 9.45 AM CET, duration 45 minutes + discussion

Short bio: After completing my engineering degree at the TU Dresden in 2011, I moved to the Norwegian Westcoast and started my professional career at Rolls-Royce Marine. My work has largely been focused on azimuthing thrusters and spiral bevel gears in particular. 5 years into my career, I enrolled in an industrial PhD program and started my studies at the NTNU in Trondheim in 2017. In 2021, I was given leadership over the Technology & Analysis team in Kongsberg's Product Support division. My responsibilities are the coordination of analytical and numerical calculations needed by other product divisions and the development of the Thruster Digital Twin product. I completed my PhD in April 2022.



Both lectures will be given online via MS Teams. To access them for free, use [this link to the meeting](#).

On behalf of FME CTU and CSM committee:

J. Papuga, Ph.D. & Prof. M. Růžička