

Rotordynamics ...

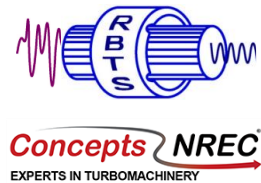
Engineering Services and ARMD Software Support in Cooperation with RBTS, Inc. (USA)

Laschet Consulting is specialist in computer simulation technology. Due to longterm experiences in the simulation of complete drive systems, we offer a professional customer **CAE Service for Engineers**. In particular concerning all activities in rotordynamics **Laschet Consulting GmbH** cooperates with **RBTS, Inc. (USA)** and is cooperative engineering partner worldwide, and ARMD software distributor above all in Europe.

RBTS: A Tradition in Engineering Excellence

Established in 1986, **RBTS, Inc. (USA)** offers professional engineering services in rotating machinery dynamics, bearing systems, and structural engineering. RBTS' principals bring a versatile, yet highly specialized perspective to the solution of commonplace as well as unique engineering problems. In 2024, RBTS was acquired by the US company **Concepts NREC**.

As an international leader in the design and development of software for rotating machinery dynamics, bearings, and seals, RBTS offers expertise in advanced rotor dynamic technologies. The extremely powerful engineering software **ARMD™** (*Advanced Rotating Machinery Dynamics*) is currently in use by major corporations worldwide. Through its state-of-the-art high-performance software and service programs, RBTS provides computer-assisted technologies to companies to help them "test" the performance of rotating machinery during development and analyze machine failure in operation. Consulting services are available to supplement computer programs and for highly complex or unique machinery. **ARMD™** provides the integration of the domains "Rotordynamics", "Torsional Vibrations", and "Bearings (Fluid-Film & Rolling Element)".



Through its principals, RBTS offers more than 60 years of combined experience. Together, the network "RBTS & Concepts NREC" provides the most comprehensive engineering expertise available. Further information: www.rbts.com

Laschet Consulting and RBTS Cooperate in Europe and Worldwide ...

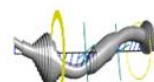
Laschet Consulting GmbH and the US company **RBTS, Inc.** cooperate closely worldwide. Since 1980 *Dr. Andreas Laschet* did a lot of research and development works to offer a simulation method for a better evaluation of the dynamic behavior of complete drive systems in rotating machinery. Using these experiences and the extensive know how **Laschet Consulting** supports the marketing and sale of **ARMD™** including the customer support and engineering services in many industrial sectors.

The **ARMD™** software and the **numerous applications** related to practice are presented in customer online meetings (Cisco Webex) and also during our **International Rotordynamic Seminars**.

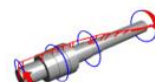
More details: www.laschet.com.

Advanced Rotating Machinery Dynamics

Dynamic Analysis



Rotor Dynamics



Torsional Vibration

Bearing Analysis



Journal



Thrust



Conical



Tilt-Pad



Rolling

Tools



Lubricant Properties



Wear-Ring



Aerodynamic Cross Coupling



Squeeze Film Damper

Viewers



2D Plots



3D Bearing



3D Shaft