

METS2 Short Course 5



John K. Whalen is the Technical Director for John Crane Bearings located in TCE's offices in Houston Texas. John is a member of STLE, ASME, and the Vibration Institute and is a member of the Turbomachinery Symposium Advisory Committee; John is a registered Professional Engineer in the State of Texas. At John Crane Bearings John has Engineering responsibility for all three John Crane Bearing companies (John Crane Bearing Technology in Germany, Orion in Wisconsin and TCE in Houston). John Crane Bearings product range includes babbitted bearings and seals, labyrinth seals, and related products and services. John received his BSME from the RIT in 1981. He worked for Dresser Rand in Wellsville, NY where he was involved in Large Turbine Engineering and Rotordynamics. John joined Centritex Corporation in 1988 and helped form TCE in 1991. John rejoined the TAC in September, 2012.



Barry J. Blair is the Chief Engineer at Waukesha Bearings Corporation in Pewaukee, Wisconsin. Mr. Blair has overall responsibilities for research & development activities at Waukesha, including new products and overseeing the refinement of bearing design tools and methods. Mr. Blair joined Waukesha Bearings in 1993 and has served in increasingly responsible engineering and technology roles. Mr. Blair received both his Bachelor's of Science (Mechanical Engineering, 1990) and Master's of Science (Mechanical Engineering, 1990) from the University of Virginia, completing requirements of both degrees concurrently. Throughout his career he has authored and coauthored several papers on the development of both hydrodynamic and active magnetic bearing technologies.



Reinhard Beneke joined Kingsbury GmbH in May 2012. He graduated in 1996 as mechanical engineer at the University of Braunschweig, Germany and has been employed as a research engineer at the Institute of Machinery Elements under leadership of Prof. Glienicke till 2002. In the bearing industry he worked at Sartorius Bearing Technology in which he undertook later the leading role of the technical support. After John Crane took over the Sartorius business in 2007, Reinhard's role changed to R&D. During the transition and integration phase he gave technical trainings on hydrodynamic bearing technology and promoted the bearing business within the group and among its customers. In 2012 he finished writing his thesis with title: "Adaptive gas-lubricated mechanical seals for extreme operational conditions" covering the research work on mechanical face seals and floating ring seals. Today – with Kingsbury - Reinhard continues on technical support and customer consulting in the key interface area between customer, research and production.