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AES Audio Engineering Society - Pacific Northwest Section

Around the Puget Sound, Seattle, Washington, U.S.A.

NOTE: anyone can attend this meeting regardless of their status as an AES member.

AES MEMBERSHIP IS NOT REQUIRED.

Modern Medical Ultrasound Technology Presented by

Jens U. Quistgaard, PhD

**President and CEO of Mirabilis Medical Inc.
and**

**The Pacific Northwest Section of the AES
Wednesday, September 14th, 2016, 7:30pm**

Shoreline Community College, Music Building, Rm 818

[Directions to Shoreline CC](#)

Medical ultrasound technology has been used clinically since the late 1930's, and is widely used today in both diagnostic and therapeutic applications. While ultrasound shares many characteristics with audible sound, important characteristics manifest at high frequencies that need to be considered in acoustic design. This talk gives a high-level overview of modern diagnostic and therapeutic ultrasound technology, highlighting similarities and differences between ultrasound and audio frequency design.

About the Presenter

Jens U. Quistgaard is currently President and CEO of Mirabilis Medical Inc., which is developing a non-invasive ultrasound therapy for treatment of uterine fibroids. He was formerly President and CEO of LipoSonix, Inc., a founder of SonoSite, Inc., and Chief Scientist at ATL Ultrasound (now part of Philips Medical Systems). Mr. Quistgaard holds a BS degree in Mathematics and Computational Sciences from Stanford University, and MS and PhD degrees in Electrical Engineering from the University of Washington. He is a Director of Life Science Washington, Vice Chairman of the Washington State Medical Device Innovation Partnership Zone, and a member of the Electrical Engineering Advisory Board and College of Engineering Visiting Committee at the University of Washington.

Dan Mortensen

AES PNW 2016-2017 Section Chair

n.b. *The material presented at our meetings is the opinion of the presenter and not necessarily that of the Society. You are encouraged to conduct your own research and to form your own opinions before adopting the presented material as Truth.*

Our meetings are open to anyone interested in Audio. AES membership is NOT required for you to attend our meetings.