

More Masters in Engineering Acoustics

DMdB's Douglas Manvell's expanded lectures at the Danish Technical University

June 9th, 2022 - Copenhagen, Denmark



DMdB director, Douglas Manvell, has just returned from the Danish Technical University (DTU) as Visiting Lecturer in an expanded role in the Environmental Acoustics module, part of DTU's Masters in Engineering.

A new lecture on EU Strategic Noise Mapping was added, covering the background for and requirements for strategic noise maps in EU, noise calculation theory including CNOSSOS-EU, and an introduction to the strategic noise mapping process – rounded off by a memorable demonstration of the Fresnel “sausage”.

The Measurement Instruments & Calculation Software for Environmental Noise lecture was also expanded to enable a full day of lectures and hands-on on environmental noise measurements and their uncertainty in accordance with the ISO 1996 standard, noise monitoring, and noise calculation in practice. It was held at HBK, and co-led by HBK's Michael Whiteman. Compared to previous years, more time was allocated for the introduction to, undertaking of and evaluation of the hands-on, thus enhancing students' experience.

DTU's Engineering Acoustics programme covers a wide range of topics including the fundamentals of sound propagation, advanced measurement techniques, and understanding and modelling of human hearing. DTU has a long history as a strong acoustics education and research institute. To learn more, see [here](#).

DMdB offers noise & vibration control advice and services to solution suppliers and application specialists to provide insight and quality assurance in a manner that makes business sense. DMdB's world-class insight in applications, regulations and solutions is based on extensive knowledge and experience, and a unique position in international standardization and product knowledge. For more information, visit [our website](#).

The sessions were very successful and thoroughly enjoyable by all, and seemed to be appreciated at DTU. Thanks once again to all involved. All in all, a very enjoyable day contributing to the education of future acousticians at a globally leading educational institute.

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