

Public Lecture: Dr. Peter D'Antonio

FRIDAY NOV 8, 2013

6pm | Drinks at lecture conclusion from 7pm

**Faculty of Architecture, Design & Planning
The University of Sydney, 148 City Rd Darlington**

Dr. Peter D'Antonio, Founder/Chairman of RPG Diffusor Systems, will discuss RPG's evolution of products and services over three decades and the current state-of-the-art in the measurement of absorption, scattering and diffusion coefficients using multiple microphone arrays.

He will also describe the unique services offered by the Chesapeake Acoustical Research Institute, LLC.

Bio:

Peter D'Antonio received his B.S. degree from St. John's University in 1963 and his Ph.D. from the Polytechnic Institute of Brooklyn, in 1967.

In 1974, he developed a widely used design for modern recording studios at Underground Sound, Largo, Maryland, utilizing a temporal reflection free zone and reflection phase grating diffusors. Dr. D'Antonio is founder and Chairman/CEO of RPG Diffusor Systems, Inc., established in 1983.

Dr. D'Antonio pioneered the sound diffusion industry and has significantly expanded the acoustical palette by creating and implementing a wide range of novel number-theoretic, fractal and optimized diffusing and absorbing surfaces, for which he holds many trademarks and patents. He has lectured extensively, published numerous scientific articles in peer review technical journals and acoustical and architectural magazines and is the co-author of the reference book *Acoustic Absorbers and Diffusers: Theory, Design and Application*. He has also contributed several chapters to the *Master Handbook of Acoustics*.

He is a Fellow of the Acoustical Society of America and the Audio Engineering Society, a Corporate Affiliate of the American Institute of Architects and 2012 Inductee to the TECnology Hall of Fame.

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