

Dr. John S. Bradley

Institute for Research in Construction, National Research Council, Ottawa, Canada
Plenary: “*Architectural Acoustics for Speech Intelligibility and Speech Privacy*”

John Bradley is a Principal Research Officer in the Institute for Research in Construction at the National Research Council of Canada. His undergraduate and masters degrees were received from the University of Western Ontario (Canada). His Ph.D., obtained at Imperial College at the University of London (United Kingdom), concerned electroacoustic enhancement systems in rooms.

After teaching acoustics and noise control for several years at the University of Western Ontario, he joined the National Research Council in Ottawa. His research has concentrated on both room acoustics and subjective evaluations of sounds and has also included environmental noise topics. He has completed studies to advance the use of measurements to more reliably evaluate conditions in large auditoria as well as examinations of the subjective significance of room acoustics parameters. He has published papers on speech intelligibility in rooms and simulated sound fields. More recently his work has focused on issues related to speech privacy in various indoor situations.

He is a Fellow of the Acoustical Society of America, a member of the Audio Engineering Society and is on the Editorial Board of the Journal of the Audio Engineering Society. He is a past President of the Canadian Acoustical Association and has been a member of several working groups including those of ANSI, ISO, WHO and several Canadian groups. He was recently awarded the Sabine Silver Medal by the Acoustical Society of America for advancing architectural acoustics measurement techniques.

Dr. Ulf Sandberg

Senior Research Scientist
Swedish National Road and Transport Research Institute, Linköping, Sweden
Plenary: “*Quiet Pavements in Europe and Asia*”

Dr. Ulf Sandberg is a senior research scientist at the Swedish National Road and Transport Research Institute (VTI) and 2002-2008 an Adjunct Professor at Chalmers University of Technology. His main subject of experience and research is the tyre/road interaction but he has also worked with other aspects of traffic noise since 1974 when he was enrolled by VTI. Regarding publications, for example, Dr Sandberg is the first author of the 640-page Tyre/Road Noise Reference Book which is used extensively in courses and as a reference. He has recently completed a comprehensive State-of-the-Art review of quiet pavement technology in various parts of the world.

Dr. Malcolm J. Crocker

Professor Mechanical Engineering, Auburn University, Auburn Alabama USA
Plenary: “*Measurement and Identification of Machinery Noise*”

Dr. Andy Moorhouse

Director of Acoustics Test Laboratories, University of Salford
Manchester UK

Plenary: *“Hearing the Future: Combining Measurement and Modelling in Acoustic Simulation”*

Andy Moorhouse graduated from the University of Nottingham, UK, in Mechanical Engineering in 1982, obtaining a first class honours. After a three year spell in industry he signed up for a PhD in Acoustics at the University of Liverpool and graduated in 1989. About a third of his career since then has been spent in industry and consultancy, his most prestigious consultancy project being the Liverpool Institute for Performing Arts, (also known as the Paul McCartney fame school) completed in 1996. He joined the University of Salford as Reader in 2004. His main research interests are in structure-borne and low-frequency sound and vibration. He has received funding from various sources, included the European Commission for a project on Virtual Acoustic Prototypes some of the results from which will feature in his paper. At Salford, he is now the Director of the Acoustics Test Laboratories, which were completely rebuilt in 2005 and which incorporate an accredited test house employing four full time staff as well as forming the focus for acoustics research. Andy is a Chartered Engineer and a Fellow of the Institute of Acoustics a Director of the International Institute of Acoustics and Vibration and serves on three standards committees in the field of structure-borne sound.

Dr. Laurie Danielson

Executive Director, North East Capital Association
Fort Saskatchewan Alberta

Plenary: *“Noise - A regional solution for Alberta's Industrial Heartland”*

Dr. Danielson, joined the Northeast Capital Industrial Association as the Executive Director in 2007 following a lengthy career with Sherritt Inc., Viridian Inc. and The Westaim Corporation.

Dr. Danielson holds a doctorate in chemistry from the University of Alberta, and has extensive experience in regulatory compliance, government relations, and regional issues management. A longtime resident of Fort Saskatchewan, he is a member of the Association of the Chemical Profession of Alberta, and a board member of the Fort Air Partnership.

Dr. Danielson resides in Fort Saskatchewan with his wife.

Mr. Jim Cummings

Executive Director, Acoustic Ecology Institute
Santa Fe, New Mexico USA

Plenary *“The Inevitable Evolution Towards Below-Ambient Noise Standards”*

Jim Cummings is a writer, editor, and father. His longtime work writing for a lay audience about science and the environment led to the founding of the Acoustic Ecology Institute in 2004. Since then, AEI has become a leading source of clear, unbiased information on a full array of sound-related environmental issues, with agency staff and scientists being the most enthusiastic supporters of the news summaries and special reports produced by the Institute. Jim is the author of many freelance magazine articles, including “Listen Up! Opening our Ears to Acoustic

Ecology” (Zoogoer, 2002), edited the books Why do Whales and Children Sing? (1999) and Investing With Your Values (2000), and is executive producer of eleven EarthEar environmental sound art CDs. He received a B.A. from Wesleyan University in 1979 and a M.A. from John F. Kennedy University in 1987.

<http://www.AcousticEcology.org>

<http://www.AEInews.org>

<http://www.EarthEar.com>

Alice Murray

Communities Affairs Coordinator, Shell Canada Energy

Alice Murray is the Community Affairs Coordinator for Central Alberta Region for Shell Canada Energy. Alice has 20 years of experience dealing with issues and consultation around sour gas development. She is an active member of five Synergy Groups and is a founding member and on the Board of Directors of Synergy Alberta. Alice is a member of the Alberta Arbitration and Mediation Society and holds a certificate in Conflict Resolution and graduated with distinction with a BA in Communication from Royal Roads University. Alice lives on a multi-generation family farm with her husband, daughter, son-in-law and grandsons in the beautiful parkland area near Caroline, Alberta.

Brad McManus

Board Member, Energy Resources Conservation Board