

SEPTEMBER 2007

2007-2008
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Presentation by Michael Nunan, CTV

Digital Microphones

AES 42-2001 and Neumann Solution-D Digital Microphones

date	Tuesday, 25 September 2007
time	7:30 PM
where	Eaton Theatre, Ryerson University Rogers Communications Building 80 Gould Street, Toronto, ON corner of Gould and Church, east of Yonge St (Dundas Subway)
	<i>For parking info and map, goto www.ryerson.ca/parking/</i>
	Pre-Meeting "Dutch Treat" dinner 5:30 pm at the Pickle Barrel (corner of Edward and Yonge in the Atrium)

INTRODUCTION TO AES 42-2001 AND DEMONSTRATION OF NEUMANN SOLUTION-D FAMILY OF DIGITAL MICROPHONES

The Georg Neumann GmbH company was instrumental in the drafting of AES 42-2001, a specification that governs the generation, transmission and control of digital microphones. Beginning with the "D-01" large format microphone, the "Solution-D" family of microphones is among the early implementations of this standard.

Michael Nunan's presentation will include a review the AES 42-2001 standard, a description of the Solution-D product line, and he will discuss the products' applications for recording and broadcast production. A detailed demonstration of the control software will be presented and a live demo will be performed to show the systems recording options and capabilities.

With his work for CTV and its various specialty services (including Discovery Channel Canada, TSN, and MTV Canada), Michael has enjoyed supervisory and mixing duties on more than 90 feature documentaries and over 700 episodic programs in the past 10 years. His mixes have garnered him two Gemini nominations for Best Sound. In addition to his Post Production role, he is actively involved in the planning and execution of the audio aspects of High Definition live events like the Juno Awards on CTV and the World Junior Hockey Championships, NHL Hockey, and CFL Football on TSN.

Michael is a member of the Digital Audio Working Group (originally formed by the Canadian Cable Telecommunications Association), which is working toward the industry-wide standardization of digital audio metadata. In connection with that effort, he has been actively involved in the implementation of Surround production technologies CTV's group of HD services, as well as taking part in the training of Transmission, Distribution, and Production personnel in the migration to HDTV and Surround Sound production.

Michael is an occasional contributor to TV Technology Magazine, and a part-time instructor in the School of Communications Arts at Seneca College, where he teaches Advanced Audio for Television.

The Toronto AES Section Bulletin is published ten times yearly by the Audio Engineering Society Toronto Section and is available on the Internet at www.TorontoAES.org

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