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THE AUDIO ENGINEERING SOCIETY

BULLETIN



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Presentation  
**Producing, Authoring, and Encoding Audio  
Content for Blu-ray Format**

Gary Epstein – Dolby | Tom McAndrew – DTS | Steve Foster, Helen Audi – Technicolor

date	Tuesday, 26 April 2011
time	7:00 PM
where	<b>Ryerson University</b> RCC 204, Eaton Theatre, Rogers Communications Building 80 Gould Street, Toronto, ON <i>Corner of Gould and Church, east of Yonge St (Dundas Subway)</i>
	<i>For parking info and map, goto <a href="http://www.ryerson.ca/parking/">www.ryerson.ca/parking/</a></i>
	Pre-Meeting "Dutch Treat" dinner 5:00 pm at the Pickle Barrel (corner of Edward and Yonge, just north of Dundas, in the Atrium)
	This month's meeting will be available live on-line, courtesy of Ryerson University at <a href="http://www.torontoaes.org">www.torontoaes.org</a> .

**Blu-ray's fantastic specs** allow for impressive improvements in the quality of audio and video content over legacy media such as DVD. To deliver enhanced audio and video content, the production chain needs improved tools and workflows.

**Gary Epstein** will present an overview of Dolby's technologies for the new BD disc media. He will discuss Dolby TrueHD, and the advantages it brings to Blu-ray Disc production and other new digital media.

**Tom McAndrew** will describe the full range of DTS codecs, and demonstrate how easy it is to create, modify, and QC DTS audio files for Blu-ray, DVD, and the new world of Digital Delivery using the DTS-HD Master Audio Suite. He will also discuss the current state of DTS audio playback on consumer devices, from full home theater systems to smartphones.

**Steve Foster** will layout the steps for bringing the various sound elements together to create the audio mix(es) for the BD format. The enhanced audio and picture qualities of BD require techniques to eliminate all unwanted sounds, and careful conform of the sound to picture.

**Helen Audi** will cover the final stages of Blu-ray production including importing elements, authoring, encoding, QC and replicating. She will discuss the tools and workflows leading to a completed Blu-ray disc.

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