

MARCH 2006

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Submissions are welcome. Articles may be reprinted with the author's permission. Space is available for AES related companies and individuals wishing to address our members. For submissions, advertising rates or other info, email TorontoAES@TorontoAES.org.

Presentation

**“CSI Toronto”:
Forensic Audio**

*Gordon Reid, Cedar Audio Ltd
Meeting Sponsor: HHB Canada*

Date: Tuesday, March 28, 2006

Time: 7:30 pm

Where: Ryerson Rogers Communication Centre, Room 359
80 Gould Street, Toronto, ON @ Corner of Gould and Church,
east of Yonge St (Dundas Subway)
Toronto, Ontario
Campus Map: www.ryerson.ca/map
Parking Info: www.ryerson.ca/parking

Pre-Meeting "Dutch Treat" dinner 5:30 pm at the Pickle Barrel (corner of

Gordon Reid, Managing Director for Cedar Audio Ltd, Cambridge, UK will discuss the need for systems that allow surveillance specialists to combat the effects of noise in non-ideal recording environments. See Page 2 for details.

S P E C I A L E V E N T

Beatles Gear – Author Andy Babiuk
All the Fab Four's Gear From the Stage to the Studio
Meeting Sponsors: OIART and HHB Canada

Date: Sunday, March 26, 2006

Time: 7:30 pm

Where: Rogers Communication Centre, RCC-359 A and B
80 Gould Street, Toronto, ON
Toronto, Ontario (see above meeting for directions)

Andy Babiuk is author of the successful book, "The Beatles Gear - All the Fab Four's Gear From the Stage to the Studio", and a consultant for the Rock and Roll Hall of Fame, plus a member of group The Chesterfield Kings. His lively discussion of Beatles recording techniques features studio out takes and first hand anecdotes from practically everyone involved in recording the Beatles' albums.

PLEASE POST - MEMBERS AND GUESTS WELCOME

About the Presenters...

Tuesday, March 28 Meeting

“CSI Toronto”: Forensic Audio

Gordon Reid, Managing Director, CEDAR Audio Ltd, Cambridge, UK

Gordon Reid was educated as an Astrophysicist at Leicester University and Cambridge University. An active musician and author, he became the founder employee of CEDAR Audio Ltd in 1989, and the company's Managing Director in 1994. He is a full member of the Audio Engineering Society, and has over the past twelve years presented numerous papers and workshops ranging from the background and techniques of audio restoration to the history and use of keyboard synthesisers. His series of sixty-three articles entitled 'Synth Secrets' is used as an educational text by numerous music technology courses in the UK.

Topic Overview

The Use of Digital Audio Technology in Audio Forensic Investigation

Demonstrations of the uses of single-channel and cross-channel adaptive filters will be given, both independently and when combined with other noise reduction processes. It will be shown how a modern processing system supporting multiple, simultaneous real-time algorithms can perform complex noise reduction with appropriate processing chains for each job. A demonstration of the abuse of digital audio technology in the forensic arena will also be given, and areas of future research will be proposed.

Sunday, March 26 Special Event

The Beatles Gear - All the Fab Four's Gear From the Stage to the Studio

Andy Babiuk, author

Andy Babiuk is a musician and writer, has worked in a major instrument store, the House of Guitars, for over 20 years, and is Staff Consultant to the Rock & Roll Hall of Fame.

Andy perceived the need for a book about the Beatles' gear when he tried to emulate some of their recorded sounds for his own band, the Chesterfield Kings.

Andy then embarked on six years of research for Beatles Gear, during which time he interviewed over 400 people who worked with or were closely associated with The Beatles, listened to hundreds of recordings, watched miles of film, and amassed a vast library of documents and photographic evidence of the Beatles using their instruments and equipment.

The result is this most detailed account of the Beatles and the tools that they used, on-stage and in the studio. It details exactly which guitars, drums, amplifiers and keyboards the Beatles used at the key points of their relatively brief but entirely revolutionary career...from the formation of the Quarry Men skiffle group in the 1950s to the dissolution of the Beatles in 1970.

It provides a fascinating fresh insight into Beatle history from an entirely new viewpoint, and along the way many myths are exploded and dozens of stories told for the first time.

Andy lives in Rochester, New York, with his wife, six children and a very large collection of guitars and Beatles memorabilia.

UPCOMING MEETING:

Tuesday, April 25 – Yamaha Disklavier - Japanese Canadian Cultural Centre, Kobayashi Hall