**Technical Committee on Microphones and Applications**

Report on TC meeting held in conjunction with the 137th AES convention

Los Angeles, CA, USA, October 17th 2013

**Attendees:**

Christopher J. Farmer, Appalacian State University, farmercj@appstate.edu

John Woodgate, JMWA, jmw@jmwa.demon.co.uk

Michael Williams, Free Lance Engineer, mike@soundsscot.com

Daryl Duncan, Synth Music, tovesynth@gmail.com

Timothy Valentine, Valentine Ears, tvalentine@logitech.com

Luke Goodloomis, Teecom, Luke.Goodloomis@teecom.com

Gregory Townsend, GVT Audio, gtownsend@gvtaudio.com

Eddy Bøgh Brixen, EBB-consult/DPA Microphones, ebb@ebb-consult.com

The meeting was convened by chair Eddy B. Brixen.

**Report from AES136**

No meeting was held in Berlin.

**Proposals for upcoming conventions**

A general discussion regarding tutorials and workshops took place. It is the impression, that the AES has a role to play regarding educational activities, primarily because society represents capacities within the field. The AES has the ability and a responsibility to present technical topics in audio in a serious and objective way.

Any central topic should be repeated at each convention. Local attendees (in LA) however, may only be able to attend a convention each four years. Hence, there is also a need for making presentations available between conventions. It was discussed how internet sharing could be done having in mind that the AES need to make at least some money on activities like that. However, any decision in this respect is related to AES policy.

It was agreed that a tutorials on microphone specifications should become mandatory at all conventions; especially when related to “sound”. Perhaps by introducing the TCMA-series on microphone specifications.

Regarding newer technology, it would be nice to get an update on the MEMS-microphones as the common knowledge seem to be limited. MEMS microphones are already found in various applications. Comparing to standard microphones, the bandwidth is there. How about other parameters?

A tutorial on microphone arrays (beam forming technologies) was given at the AES137. This is a topic of continuous interest.

**Emerging trends**

With the exception of MEMS technology nothing else was mentioned.

**Any other business**

No other business.

Minutes by Eddy B. Brixen