

The meeting took place on May 28th, 2005 at the 118th Convention in Barcelona.

A total of 9 people attended the meeting, chaired by Geoff Martin (GGM).

1 Workshops, Tutorials and Invited Papers

It was noted that there was no Tutorial session on Microphone Techniques at this convention despite the popularity of these sessions in past conventions. This omission should be corrected for the upcoming conventions in New York and Paris.

119th convention in New York

A tutorial session on Multichannel Microphone Techniques should be held.

(N.B. At the meeting of the Technical Council on May 31, I received a copy of the tutorials list for the 119th convention and noted that a session on exactly this topic was already in the planning stage, to be hosted by me. Also, Jörg Wuttke has applied to do two tutorials on microphone technique for the same convention. It may be feasible and desirable to merge one or both of these with the committee's proposed tutorial. – GGM)

120th convention in Paris

A tutorial session on Multichannel Microphone Techniques should be held.

Ron Streicher volunteered to hold this tutorial session.

The committee recommends that an invited papers session on the topic of Performance Specifications should be held in Paris, and repeated at the following convention in San Francisco. Topics to be covered in this session should include wind and pop screen specifications, quantification of directional properties in three dimensions, behaviour of transducers with changes in temperature, humidity and barometric pressure, as well as vibration isolation.

121st convention in San Francisco

A workshop session should be proposed on the topic of Microphone Specifications to be chaired by Douglas McKinnie. This session could potentially provide an introduction for the general community to the work of the Standards Committee SC-04-04 and the round robin tests currently under analysis. The session should also address issues such as measurement microphones for loudspeakers and headphones (including acoustic coupling).

The invited papers session proposed for the 120th convention in Paris should be repeated at the 121st convention.

2 Documents: Technical report - Microphone techniques for multichannel

The committee has had plans to release a technical document on a tutorial level describing current suggestions for standard microphone techniques for multichannel sound reproduction. This was to be a collection of already-documented techniques from various sources.

The committee agreed at this meeting that this document should, instead, be proposed as an AES anthology to complement that from the Multichannel Technical Committee, currently being assembled by Francis Rumsey. This proposal was brought to the publications committee at the Barcelona convention and was accepted. The anthology will be on the general topic of Multichannel Microphone Techniques and will include various sub topics including proposals for microphone configurations, analysis of microphone array responses, perception of signals generated by various techniques and monitoring room considerations.

3 Awards

The committee was invited to make suggestions for AES awards. No names were offered at the meeting. the committee will be emailed a reminder that individuals can nominate persons for awards. These can either be submitted to the committee chair, or directly to the awards committee.

The next meeting will be held at the 119th International Convention in New York.