

Minutes of the TC on Semantic Audio Analysis
116th AES Convention
Berlin 9 May 2004

Present: Mark Sandler (MBS), Juergen Herre (JH), Annibal Ferreira, Russell Mason, Francis Rumsey, Tim Collins. Others were present, but the attendance list has been mislaid. Apologies to those people.

The meeting received an update on the 25th Conference on Metadata for Audio from Russell. The TC organised a workshop for it on the first day.

The meeting discussed several ideas for activities at future conventions. They are as follows. In most cases, these workshops can be run in both US and Europe conventions. Where appropriate, MBS has included developments since the meeting.

We also discussed Special Papers sessions at Conferences. Too late for San Francisco, but we could aim for one in Barca or NY - see below.

Workshop at 117th Convention in San Francisco

JH had been approached by the organisers to propose an MPEG7 workshop. It was to be Application-centric. Eventually, this proposal was rejected by the organisers and there will be no activities at SF this autumn. It is still possible to hold this at the Barcelona convention. Here are the possible ideas/people for such a workshop

*JH to make presentation on mpeg 7 intro.

*Soren Nielsen from TC Electronics.

*Fraunhofer - rhythm

*UPF

*Musclefish

*Geoffroy Peeters

*Michael Casey has offered assistance.

One possibility would be a detailed case study - how a working system provides XML/MPEG7 and how this is used

ACTION ON ALL: Please comment on desirability of holding this in Barcelona, especially in light of the event at 25th Conference and other activities proposed.

Events for 118th Barcelona and 119th New York (and beyond)

JOINT WORKSHOP with TC on Multichannel and Binaural.

Tentative title SPATIAL METADATA or "Extracting Spatial Meaning from Auditory Scenes"

Topics

*Bring in the CASA aspects.

*Can SAA learn from Binaural and vice versa?

*Links between perception and semantics

*Wavefront synthesis too

*spatial coding too. BCC

Since the meeting Francis Rumsey and MBS have discussed this, with the following outline

Scene Analysis + Descriptive Metadata, Rendering, Analytic, Content Creation, Searching based on Spatial criteria

Possible participants

Jens Blauert

Dan Ellis

Guillaume Potard (Wollongong) - gave paper at AES 25th

Jonas Brush (Mcgill)

Ben Supper (Surrey)

Chris Landone (QM)

Christof Faller

In the TC meeting, it was suggested that this could be a good conference topic.

ACTION ON ALL: Please comment on desirability etc of a conference. Please suggest any other participants and a Chair/convenor

WORKSHOP or Special Session on Semantic Audio Research under EU FP6/IST

Proposed by MBS and Xavier Serra after the TC meeting

This could include 'Semantic Hifi' and SIMAC projects, plus other invited participants.

Possible co-sponsorship by EU IST. Could get speaker from Euro-Commission on Semantic/Knowledge-based Content.

ACTION: Opinions on desirability of event and co-sponsorship

WORKSHOP on SAA + libraries + Music Info Retrieval:

Betsy Cohen, Josh Reiss, Derk Reefmans. Indiana people. Matthew Dovey.

Topic coincides with ISMIR conferences (In London Sept 2005)

ACTION: someone to take responsibility for making this happen.

Other matters

MBS to update membership list within 2 weeks.

[That's what I committed to, though it is nearer to two months.]

Mark Sandler
30 June 2004