

## **AES SAA Technical Committee Discussion**

November 5, 2010

9:00 AM

San Francisco, CA USA

### **Attendees:**

Mark Sandler, Bozena Kostek, Charles van Winkle, Jacek Spiewla, Jay LeBoeuf, Markus Cremer, Karlheinz Brandenburg, Ching-wei Chen, Andrew Mason, Matthew van Eerde , Sebastien Heise, Michael Hlatky

### **Introduction**

Meeting was chaired by Mark Sandler.

The TC sponsored several workshops at this convention, including: “DIY Semantic Audio”, “Rethinking the Digital Audio Workstation”, and “Semantic Audio Success: Commercial Applications of Semantic Audio Analysis.” We were pleased with the representation and feedback.

Karlheinz presented the motivation and plans for The 42nd International AES Conference. The conference will give an overview of the present state-of-the-art in a broader perspective, and address many of the new scientific disciplines involved in this still-emerging field. Numerous invited speakers will be presenting, and the conference will focus on more than just audio analysis – also targeting synthesis and upmixing.

### **Can there be academic credit for attending the SAA Conference in Ilmenau?**

**Owner:** Karlheinz to investigate

### **How do we communicate problems and real-world concerns between industry and academia?**

As many observed, this is an inherent problem in many domains, and much discussion ensued. Should we have a social networking group to bridge the gaps? Several AES TCs have Facebook or LinkedIn groups.

How can we get industry to solicit real-world problems for the next generation of SAA technologists to investigate and solve? Would this foster collaboration between the groups?

Should we do a panel with 10 industry panels to offer their problems?

**Owners:**

1. Andrew Mason to talk to his colleagues to see if interest in a panel.
2. Jay to talk to Rebecca Fiebrink re: the Google group that she organized.

### **Which Universities have Semantic Audio Analysis (SAA) programs?**

A key problem is various departments might include or introduce SAA or music information retrieval techniques, and each of those departments offer courses using

different names! SAA techniques can be found in courses on information retrieval, DSP, CS, or EE. The TC suggests creating a list of which programs offer instruction in SAA.

Suggestion: Put this in a Wiki so that students and lecturers/professors can add update their own information.

**Owner:** No brave souls volunteered. This should be discussed at the next TC meeting

### **Webinar**

Several attendees supported hosting a tutorial (or series of tutorials) Webinar to further SAA education. While we ran out of time discussing this issue, this can be coordinated offline. This issue should be discussed at the next TC meeting.

**Owner:** This should be discussed at the next TC meeting

### **Future Ideas for Panels, Workshops, Tutorials: London 2011**

#### **Semantic Web Workshop**

This workshop would introduce the audio community to work being done in the semantic web for music and audio, covering topics such as understanding of the relevant standards and technologies.

**Owner:** Potential collaborators include Mark Sandler's colleagues from QM, Malcolm Slaney (Yahoo), Doug Eck (Google).

#### **Future of the Digital Audio Workstation**

Michael is considering a London-version of the popular DAW panel. It was well-attended and presented different perspectives about a major industry concern. (Note that only 3 attendees (via a show of hands) at the Future of DAW session were actually from DAW manufacturers!)

**Owner:** Michael Hlatky

Jay LeBoeuf  
November 16, 2010