AES Fall 2004 San Francisco Workshop Proposal:

AES Convention Workshops:

A workshop is usually a panel presentation that involves a cutting-edge application. The emphasis is on interaction: interaction between the audience and the panel, and where possible interaction between the presenters and technology. For example the presenters may discuss microphone technique, or measurement technique, or how to rig loudspeakers from the ceiling. The emphasis is on practical application, not theory. Questions should be allowed during and at the end of the workshop. We discourage reading PowerPoint presentations, and we discourage tightly scheduling presentations. If there is a formal presentation, then plenty of time should be allowed for questions from the audience. As opposed to a tutorial, a workshop presumes some basic knowledge on the part of the audience, who typically are involved in using the technology discussed. A workshop may be presented at more than one convention, but we expect the content to evolve. In general, there are no preprints for workshops, but handouts (informational not marketing) from panelists have been welcome in the past if sufficient copies are provided.

Title:

Which storage medium for what purpose

Purpose or Reason for Workshop:

The TC on Audio Recording and Storage Systems (TC-ARSS) has identified the need to discuss various storage media. Many people have their preferences for a certain type of storage medium but without unanimous scientific/technical reasoning. The workshop tries to bring together experts on different storage media, such that a discussion of the pro's and con's of different media can be started that has roots in real science. In addition, the user perspective will be detailed by an end-user panelist in the workshop.

Topic(s) for Discussion at the Workshop

The workshop will have panelists in the area of

1.(digital) tape storage

2.optical disk storage

3. hard disk storage

4. distributed storage (through distributed, but local, networks) + view on the future

5. end-users (both recording and archiving)

who will discuss the field of their expertise.

Format of Workshop

The workshop will be shortly introduced, after which each panelist will present a short presentation on their field of expertise, focused on the use of a particular storage medium for audio (recording/archiving) purposes. After each presentation, there will be room for questions. After all presentations, a discussion will be initiated. To stimulate the discussion, each panelist is asked to end his presentation with a firm statement that will call for debate.

Names and Affiliations of Suggested Workshop Panelists

Derk Reefman (Chairman) Philips Research

Chris Chambers, BBC

Nicolas Hans, Dalet Digital Media Systems

Klaus Jaschke(?) Exabyte

Kimio Hamasaki (NHK)

Masaki Shinmachi (Fostex)

Extraordinary or Unusual Facilities Needs
E.g., projection, or other A/V, 5.1 surround playback, etc.