

# Technical Committee on Audio Forensics

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## 137<sup>th</sup> Convention, LA, 2014

### TC-AF Meeting Minutes

Present: Jeff M. Smith, Dan Rappaport, Eddy B. Brixen, Durand Begault, Christoph Musialik, Gordon Reid, Rob Maher, Keith McElveen

- Maher remarked that AES Journal has seen a decline in paper submission
  - Encourage forensics papers
  - Also a change in policy where conference papers can be submitted as is to the journal
    - Encourage authors from AES 46 Denver and AES 54 London to submit conference papers to the journal
- TC-AF website needs to be updated:
  - Berlin blurb
  - LA blurb
- Technical Counsel requested a Heyser memorial lecturer from Audio Forensics
  - Watergate: Jay McKnight (Begault make contact?)
  - Koenig as speaker or to refer speaker ideas
  - Hiro Nakasone of FBI?
- Emerging Trends document
  - 500-1000 words to Technical Council by end of October
  - Possible areas:
    - Probabilistic methods, Bayesian likelihood
    - ASR + enhancement
    - Study of musicology seeing more research and publication
    - Growing interest in the field with growing attendance at conferences and NCMF students
    - Analog gone
    - Compression, mobility of a/v recording (tasers with video)
    - Proliferation of compression has led to a need to redesign algorithms
    - Widely available software capability in spectral editing
    - Speech recognition continues to have forensic application and collaboration with speaker recognition
      - Data mining, “jisting”
- AES 54<sup>th</sup> Conference London, June 14-16 2014
  - AES Conference Report on AES website and journal
    - Thanks Rob Maher for write-up
  - Smith made Conference report made to Conference Policy Committee. Conference was held unanimously as a success.

- Attendance (74 ppl all in) went down from Denver but was up from 2010 Denmark.
- Paper submission for conference was low compared to Denver and Denmark. Regardless, with 4 outstanding workshops and Keynote, the program was very regarded as a success.
- Discussion for any additions to the London conference to be considered in future conferences
  - Keith suggested academic exhibitors with demonstrations
- AES xx<sup>th</sup> Washinton DC
  - Probably June 23-25, 2016
  - Possibly AES 65<sup>th</sup>
  - Smith made report on 2016 conference to the Conference Policy Committee meeting
    - CPC requested full proposal be made in 2-3 weeks in advance of Warsaw convention (May 7-10 2015) to be presented there
    - Smith (Conference Treasurer) and Rappaport (Conference Chair) to continue work on hotel contract, budget, and Warsaw update/proposal
  - Strategy for increasing paper submissions
    - Begault noted that it will and should fall on the Papers Chair (to be named) to encourage submission from the community
    - Suggested earlier Call for Papers (late summer 2015) to include
      - Request for abstract and précis with more specific information about what précis should include
      - Also request and criteria for posters, e-briefs
    - Paper submission site to allow for author to select one or more of the following: paper, poster, e-brief
    - Begault accepted to be one of three papers co-chairs; other two would be a person in DC area and person in Europe
      - Doug Lacy was suggested for DC Area Papers co-chair
  - Gov't agencies in the area as Exhibitors or to present on lab configuration
    - FBI, NTSB, Libr. Of Congress or other restoration/archive
  - An idea was generated to create a technical track to coincide with a scientific research track.
    - This was generated following McElveen's suggestion for additional focus on tactical audio/surveillance recording and much discussion regarding the high number of technicians/analysts in the DC area as well as consistent comments from conferences delegates for more technical and applicable content at conferences
    - Possible format could be 1 day general session followed by 2 days with two separate tracks
      - 1) application specific: authentication, tactical, enhancement
      - 2) research specific: academic papers

- McElveen suggested partnering with NATIA regional section for which the conference application track would be NATIA's regional meeting.
- AES xx<sup>th</sup> Europe, 2018
  - Locations?
    - Portu, Portugal.
    - Sligo, Ireland.
    - ?
- 138<sup>th</sup> Convention, Warsaw, May 7-10 2015
  - CPC Proposal for DC Conference
  - Submit workshop/tutorial ideas before New Year
    - Natanya Ford coordinating workshops so proposals should go to her
  - Coordination of Workshops/Tutorials
    - Contact Bitzer of Fraunhofer IDMT for contribution
    - Contact Bozena Kostek for Warsaw persons interested in Forensics
    - Brixen to email Europeans about conference requesting participation, contribution, attendance
- 139<sup>th</sup> Convention, NY, Oct. 29-Nov 1 2015
  - Workshop/Tutorial proposals
    - Repeat LA workshop
      - Same presenters, same topics, may update presentation as presenter chooses
  - Technical Council has requested a Heyser Lecturer from AF