Technical Committee on Audio Forensics

AES 145th Convention, New York

Attendees: Rob Maher, Per Stojen, Keith McElveen, Frank Piazza, Anibal Ferreira, Cole Whitecotton, Catalin Grigoras, Eddy Brixen, Marisa Dery, Charles Van Winkle

- Chair Jeff Smith welcomes
- May 2019 convention in Dublin
 - March 20 Saturday, March 23, 2019
 - Eddy Brixen proposed to have an Audio Forensics intro workshop as a "teaser" for Portugal.
 - Eddy Brixen to formally propose and chair
 - Potential participants: Anil Alexander
 - Upcoming AES AF Conference, Porto, Portugal, June 18-20, 2019
 - Conference update was presentation by Anibal Ferreira (conference co-chair) to CPC this week.
 - Anibal Ferreira confirmed that the contract between AES and the Hotel was finalized
 - Conference theme: "Trust Powered by Science"
 - Current work *Top Priorities*:
 - Exhibition/Sponsors
 - Jeff Smith and Anibal Ferreira to make invitation letter based on previous years with sponsor/exhibitor cost/arrangements and send out ASAP
 - Rob Maher suggests encouraging vendor participation by creating a demo workshop where Exhibitors are given audio material for analysis
 - Jeff Smith and Charles Van Winkle to work on Adobe participation through the arrangement of a phone call with decision makers
 - Jeff Smith received positive response for participation from CEDAR, Wavesciences
 - Brainstorming workshop topics
 - Cole Whitecotton suggested inviting participants to present on an overview and techniques for audio artificial intelligence / deep learning
 - o Deepvoice, voice synthesis
 - Intelligent devices from Amazon, google, facebook (Alexa etc.)
 - Izotope, Audionamix audio enhancement filters using deep learning

- Merisa Dery suggested panel on Ethics
- Frank Piazza suggested panel with app makers on technical decisions they make – facilitate discussion between app and forensic
 - Potential participants: Steinberg, Apple
- Catalin Grigoras to initiate program
- Keynote possibilities
 - Udo Zolzer, author of DSP for SFX
 - Representative from Fraunhofer on audio coding history, MP3 etc.
 - Anibal Ferreira to initiate contact
- Registration
 - Eddy Brixen brought up potential policy implications of the EU General Data Protection Regulation (GDPR) and registration contact info
 - Potentially ask registrants to "opt-in" to communications rather than opt-out
 - This may help encourage government agencies that require anonymity
 - Make clear what is involved with "communications"
 - It is very important to communicate with AES regarding what policy the society is working on to address
 - Jeff Smith to contact Bill Foster
- Social/Site visit:
 - Jeff Smith suggests Casa da Musica
 - music hall. Does it have recording studio?
 - Anibal Ferreira to compile options
- Papers
 - Anibal Ferreira noted the need for a "Pool of Reviewers" that can be added to website and help elevate the status of papers proceedings
 - Papers co-chairs (Durand Begault and Doug Lacey) to consider process, consult with Francis Rumsey
- Website
 - Add Hotel Info, Anibal Ferreira to draft and Jeff Smith to update