**Minutes of the TC\_SP Meeting, 136th Convention, Berlin, Germany, April 26-29, 2014**

**Called to order on April 27 at 5PM local time. Christoph M. Musialik presiding.**

**Attendance list (attached).**

**Minutes of previous meeting approved by acclamation.**

**Old business:**Two tutorial successfully presented by Jamie Angus: “Dither and Noise Shaping …” and “Teaching Audio DSP”.

**New business:**

* General Discussion: what kind of tutorials or workshops should be in the focus of TC\_SP; more specific (DSP technology is used is a tool for many other disciplines and thus may overlap with activity of other committees, e.g. 3D audio) or more general (signal processing topics, prepared not only in a theoretical way, but with a lot of practical hints, e.g. multirate signal processing, proper use of FFT techniques, audio filters, etc.). In workshops mix of more academic basics and special aspects of highly experienced people from the industry ideal.
* Possible tutorials, workshops, etc.:  
  - specific issues with audio processing on chip level (ARM, SHARC, TI, FPGAs)   
   like fixed-point/floating-point, resolution, architecture   
  - source separation  
  - efficient de-reverberation techniques  
  - review of digital audio effects (interesting to be repeated and/or extended   
   by new topics)
* Urgent and important! We all need to participate in renewing content of the committee website (Technical Council is awaiting for the update).

**Invitation to the next meeting, 137th Convention, Los Angeles, October 9 – 12, 2014**

**Adjourned 5:58PM by acclamation.**

**List of attendees:**

1. Christoph M. Musialik Sennheiser [christoph.musialik@sennheiser.com](mailto:christoph.musialik@sennheiser.com)
2. James Johnston Indep. Consulting [audiskeptic@gmail.com](mailto:audiskeptic@gmail.com)
3. Vicki Melchior Indep. Consulting [vmelchior@earthlink.net](mailto:vmelchior@earthlink.net)
4. Josh Reiss Quin Merry Univ [joshua.reiss@gmul.ac.uk](mailto:joshua.reiss@gmul.ac.uk)
5. Hans von Maanen Temporal Coherence [info@temporalcoherence.nl](mailto:info@temporalcoherence.nl)
6. Elvira Burdiel Sonnox [elvira@sonnox.co.uk](mailto:elvira@sonnox.co.uk)
7. George Farekas Quin Merry Univ [Gregory.farekas@gmul.co.uk](mailto:Gregory.farekas@gmul.co.uk)
8. John Grant Ninetiles [j@ninetiles.com](mailto:j@ninetiles.com)