AES Technical Committee on Spatial Audio

Notes from the meeting of the TC at the 142th AES Convention, Berlin, Germany

**Date:** May 22 2017, 17:00-18:00  
**Meeting Chair:** Sascha Spors

**Attendees:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<tr>
<td>Per Sjösten</td>
<td>Vice President North Europe</td>
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<tr>
<td>Ferdinando Olivieri</td>
<td>Qualcomm</td>
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<tr>
<td>Andreas Graefe</td>
<td>Barco</td>
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<td>Jeff Levison</td>
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<tr>
<td>Gavin Kearney</td>
<td>University of York</td>
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<td>Enda Bates</td>
<td>Trinity College Dublin</td>
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<td>Jose J. Lopez</td>
<td>Technical University Valencia</td>
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<tr>
<td>Nuno Fonseca</td>
<td>Sound Particles</td>
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<tr>
<td>Franz Zotter</td>
<td>Institute of Electronic Music</td>
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<td>Matthias Frank</td>
<td>Institute of Electronic Music</td>
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<tr>
<td>Hyunkook Lee</td>
<td>University of Huddersfield</td>
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<td>Toru Kamekawa</td>
<td>Tokyo University of the Arts</td>
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**News and reports from past events**

None

**Activities at the 142th AES Convention related to the TC/spatial audio**

A number of workshops and tutorials related to spatial audio taking place during this AES convention were discussed:

- 9.1 demo in room Vienna was perceived as being OK
- More time for sound check before the sessions would be useful. Typical problem: delay/level calibration of loudspeaker systems for demo
- Separate room showing demos throughout the entire convention would be better than double use as a tutorial/workshops room
- Headphone sessions were very useful. Separate demonstration room with headphones would be desirable
- Headphone setup at the Tonmeistertagung (cable-based) could be an alternative to wireless system

**Upcoming events**

The following upcoming events have been announced by the chair/participants:

- International Conference on Semantic Audio, Erlangen, 21.-14.June 2017
- International Conference on Sound Reinforcement, Struer DK, 30.8-2.9.2017
- International Conference on Automotive Audio, San Francisco, 8-10.September 2017
- International Conference on Spatial Audio (ICSA), Graz, 7.-10.September 2017 (VDT)
- International Conference on Spatial Audio, Tokyo, 7.-9. August 2018 – Spatial Reproduction Aesthetics and Science
- International Conference on Immersive Audio, New York, 23.-26.September 2018
Proposals for Workshops/Tutorials/Special Sessions

- Workshop “Reproducible Research in Audio” (Sascha Spors)
- Tutorial/Workshop “Game Engine/Unity” (Steven Martín, …)
- Workshop “Individualization of HRTFs” (Gavin Gerney)
- Workshop “Object-based audio for web technology”
- Tutorial “Web Audio”
- Workshop “False expectations on height-channels” (Hunkok Lee) with TC Perception
- Workshop “Spatial audio evaluation revisited”
- Workshop “Room on room reproduction” (Stefan Werner)

Spatial Audio Glossary
is still work in progress. Members of the TC are invited to contribute. Please contact Sascha Spors.

Technical Council Forum (Reminder)
For the TC, a discussion forum is provided on the website of the AES. You can reach the forum via “My Member Portal” when logged in on the AES website or by the direct link https://secure.aes.org/forum/tc/sa/.