

KU LEUVEN



KU Leuven ESAT-STADIUS Audio Research Labs

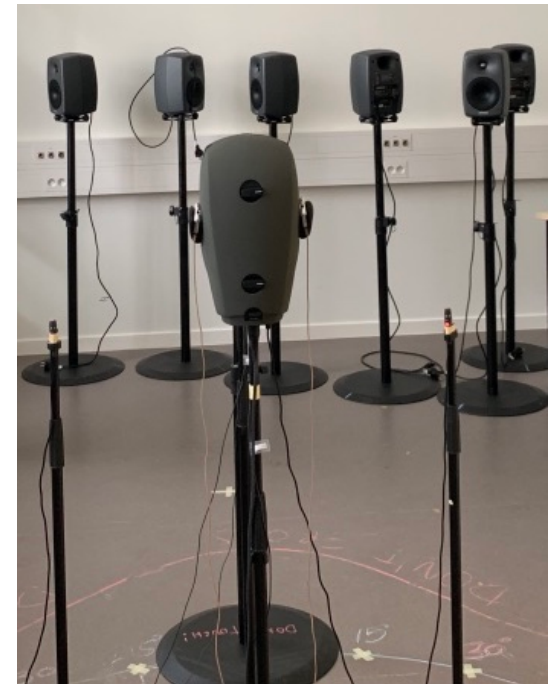
Toon van Waterschoot

STADIUS Center for Dynamical Systems, Signal
Processing, and Data Analytics
ESAT – Department of Electrical Engineering
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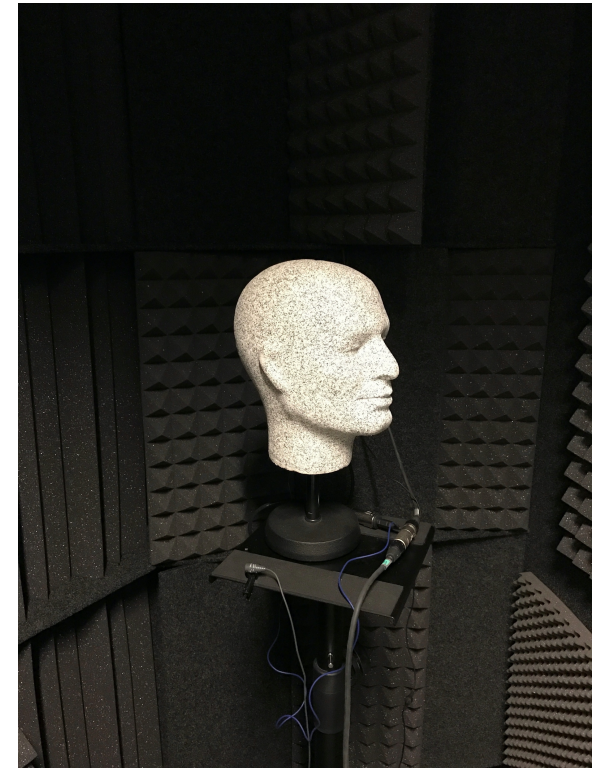
Research Labs

- **SONORA Audio Lab (SAL) @ ESAT**
 - 32-channel synchronized audio recording & playback
 - dummy head with in-ear microphones & hearing aids
 - vector intensity probe (GRAS 50VI-1)
 - microphone-equipped drone



Research Labs

- **Connexounds Audio Lab (CAL) @ ESAT**
 - Wireless network of audio devices
 - Speedgoat real-time target machine
 - semi-anechoic listening booth



Research Labs

- **Alamire Analytic Lab @ Park Abbey**
 - 20-speaker 2-D array (Martin Audio 6,5" CDD speakers)
 - Powersoft Ottocanali 4K4 amps
 - TiMax S64 processor



Research Labs

- **Alamire Interactive Lab @ Park Abbey**
 - 24-speaker 3-D array + amps (same specs as Analytic Lab)
 - 6 Audio Technica AT4051b cardioid condenser microphones
 - Astro Spatial Audio processor



Contact information

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