**Acoustic & speech & signal processing顶会顶刊**

顶刊

APPLIED ACOUSTICS

Signal Processing Letters

IEEE Transactions on Audio Speech and Language Processing

Signal Processing

顶会

ICASSP

INTERSPEECH

WASPAA

IWNEAC

**Database:**

Free internet databases

* [**Freesound**](https://freesound.org/browse/)
* [**SoundBible**](http://soundbible.com/)

By google ([ref-AudioSet)](database%20research/Audioset_ICASSP2017.pdf)

* [**AudioSet**](https://research.google.com/audioset/dataset/gunshot_gunfire.html) **with baseline system**

Challenge

* [**DCASE2016**](http://www.cs.tut.fi/sgn/arg/dcase2016/) **with baseline system (MatLab implementation) & ranking**

1. Acoustic scene classification (TUT Acoustic Scenes2016)
2. Sound event detection in synthetic audio (Task2)
3. Sound event detection in real life audio (TUT Sound Events2016)
4. Domestic audio tagging: home activity (CHiME-Home)

* **UrbanSound: urban sound taxonomy, with baseline**

1. 4 top level groups: human, nature, **mechanical**, music
2. 10 low level classes: … gun shot …
3. Established with audios from Freesound