



# A-VB 2022

## THE ACII 2022 AFFECT IN VOCAL BURSTS WORKSHOP & CHALLENGE

*Introducing a newly studied modality of emotional behaviour that is critical to social interaction*

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**The 2022 ACII Affective Vocal Burst Competition (A-VB)** is a workshop-based challenge that introduces the problem of understanding emotion in vocal bursts — a wide range of nonverbal utterances that includes laughs, sighs, and screams, grunts, yelps, gasps, and much more. Within this first iteration of the A-VB Challenge, the participants will be presented with four tracks that utilize a single dataset of more than 50,000 samples. **The dataset and the four tracks draw attention to new innovations in emotion science.**

### A-VB HIGH

The High-Dimensional Emotion Task, 10-dimensions of emotion, regression task.

### A-VB TWO

The Low-Dimensional Emotion Task, 2-dimensions, arousal/valence, regression task.

### A-VB CULTURE

The Cross-Cultural Emotion track, a 10-dimensions x 4-countries regression task.

### A-VB TYPE

The Burst-Type track, an 8-class “call type” expression classification task.

## SUBMISSION DETAILS

Participants should submit their code and predictions to [competitions@hume.ai](mailto:competitions@hume.ai). Following the guidelines of ACII, participants of the competition should also submit a technical report describing their approach to arXiv. We also accept contributions on related topics, which can be included in the ACII proceedings if submitted by July 22.

## TIMELINE (AOE)

Dataset release, May 27, 2022

Other Topics contributions deadline: July 22, 2022 (ACII Proceedings)

Competition Technical Report submission deadline: September 6, 2022 (A-VB Peer Reviewed, no ACII Proceedings)

Workshop, October 18 - October 21, 2022