

5th International Workshop on Speech, Music and Mind 2022

Detecting and Influencing Mental States with Audio
Satellite Workshop of Interspeech 2022

September 15th , 2022 (Thursday)

Virtual Workshop

Conference website : <http://workshops.ifs.tuwien.ac.at/SMM22>

Call For Workshop Papers

After four successful editions of [SMM](#) (SMM18, SMM19, SMM20, SMM21) we are pleased to announce the 5th Edition of the International Workshop on Speech, Music and Mind 2022 (SMM22): Detecting and Influencing Mental States with Audio. This one-day, satellite workshop of INTERSPEECH 2022 will bring together, from both academia and industry, communities interested in understanding the interplay between the mind and sound/music/ speech. The focus of this workshop is to further the state of the art in detecting and influencing mental states with audio. Applications to diverse contexts, with emphasis on multi-modal approaches with diverse applications across culture, languages and music genres, are of special interest.

The workshop will be held as a virtual event on (Thursday) 15th September 2022, a few days before INTERSPEECH 2022 commences. Details of the virtual event platform **and registration (free, but necessary)** will be announced a fortnight before the workshop date. We invite you to [submit relevant contributions](#) to the workshop before the deadlines.

The emphasis is on (but not limited to) the below topics:

- Detecting stress, emotion or mental states of people from speech
- Multi-modal approaches: using other modes such as video and sensor data in addition to speech

- Relevance of language models for mental state detection
Cross-corpus detection on non-acted speech databases in multiple languages and realistic environments)
- Effects of Audio on stress, emotion and mental states of people
 - Audio-Visual Perception of music
 - Analysis of brain signal responses to audio and visual stimulus
 - Evaluation and 'Music Everywhere' Applications: augmented reality, art installations, music animations, computer games, etc.
- Other topics that are of interest in the context of stress, emotion and mental states
 - Approaches of Explainable AI in music and speech
 - Sounds at inaudible frequencies
 - Novel protocols for assessing mental states, inducing stress or emotion
 - Applications related to the above topics

Important Dates

- ◆ ~~June 18~~ **July 17, 2022 (Sunday)** : Paper Submission(Extended Date)
- ◆ ~~July 02~~ **July 22, 2022** : Submission Revision(Extended Date)
- ◆ August 22, 2022 : Acceptance Notification
- ◆ August 31, 2022 : Camera Ready Submission
- ◆ September 13, 2022 : Registration Deadline
- ◆ September 15, 2022 (Thursday) : Workshop Date

**Important
Dates**

[Submit your paper now!](#)

Eminent Keynote Speakers

Prof. Preeti Rao (Department of Electrical Engineering, IIT Bombay) and Prof. Nicholas Cummins (Institute of Psychiatry, Psychology & Neuroscience King's College London) will deliver the keynote speeches at SMM22. The titles and the abstracts of their talks will be announced on the workshop website.

For more information, please visit <http://workshops.ifs.tuwien.ac.at/SMM22/>

Proceedings

The workshop proceedings will be stored in the [ISCA's archive website](#) and will be freely accessible.

Submission Process

Submitted papers must be original and not simultaneously submitted to another journal or conference. They should follow the INTERSPEECH 2022 format: At most 4 pages of content with possibly one additional page containing references only. Visit https://interspeech2022.org/files/IS2022_paper_kit.zip for the paper template. Submitted papers will be reviewed by the Scientific Committee and will receive at least two reviews each.

Scientific Committee Members

- Prof. Alexsandro Meireles, Federal University of Espirito Santo
- Prof. Beatriz Raposo de Medeiros, University of Sao Paulo, Brazil
- Prof. Hema Murthy, IIT, Madras
- Prof. Maciej Karpinski, University Poznan, Poland
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