

Call for Contributions

1. Inform the Chair: with the Title of your Contribution

2. Submission URL:

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ACHI+2023+Special>

Please select Track Preference as **SATASK**

Note: Onsite and Online Options

In order to accommodate a large number of situations, we are offering the option for either physical presence or virtual participation. We would be delighted if all authors manage to attend in person but are aware that special circumstances are best handled by having flexible options.

Special track

SATASK: Task-based evaluation of speech/audio interfaces

Chair

Prof. Gerald Penn, University of Toronto, Canada

gpenn@cs.toronto.edu

along with

ACHI 2023, The Sixteenth International Conference on Advances in Computer-Human Interactions

<https://www.iaia.org/conferences2023/ACHI23.html>

April 24 - 28, 2023 - Venice, Italy

Long gone is the hegemony of the Word Error Rate (WER). After years of painstaking research by the Human-Computer Interaction (HCI) community documenting the enormous variance between WER and the actual performance of speech recognition systems within the context of applications other than transcription, speech and acoustic signal processing engineers are ready to listen.

There have been a few proposals for benchmarks already, such as SLUE and ASR-GLUE, both coined from the wildly popular General Language Understanding Evaluation (GLUE) for text processing, but to date the speech analogues of GLUE have been much humbler in both their breadth and uptake. At the same time, the same causes for concern exist as for GLUE: is sentiment analysis actually a task? What constitutes a task in related HCI work would be something people want to perform and could express (dis)satisfaction with, e.g., voice-mail interaction or meeting summarization. But this kind of vertical definition could easily result in a proliferation of datasets and disagreements over approaches.

The purpose of this track is to encourage proposals and proofs of concept by both engineering and HCI researchers to converge on an appropriate benchmark.

Topics include, but not limited to:

- Individual task proposals
- General criteria/desiderata for individual task proposals
- Frameworks and codebases to support evaluation benchmarks
- Case studies with existing benchmarks or ad hoc groups of tasks
- Proposals of new intrinsic measures
- Systemic considerations governing balance across tasks/measures
- Automated proxies for human-subject evaluation

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Important Datelines

Inform the Chair: As soon as you decide to contribute

Submission: March 9 (earlier, better)

Notification: March 27

Registration: April 6

Camera-ready: April 6 *Note: The submission deadline is somewhat flexible*

Paper Format

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

<https://www.iaiasubmit.org/conferences/submit/newcontribution.php?event=ACHI+2023+Special>

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

Contact

Chairs:

Gerald Penn, gpenn@cs.toronto.edu

Logistics: steve@iaia.org