



## [SIGUL 2023 Workshop](#)

co-located with [Interspeech 2023](#)

Dublin, Ireland, 18-20 August 2023

### **1<sup>st</sup> Call for Papers**

The 2<sup>nd</sup> Annual Meeting of the ELRA/ISCA Special Interest Group on Under-Resourced Languages (SIGUL 2023) provides a forum for the presentation and discussion of cutting-edge research in text and speech processing for under-resourced languages by academic and industry researchers. SIGUL 2023 carries on the tradition of the SIGUL and CCURL-SLTU (Collaboration and Computing for Under-Resourced Languages – Spoken Language Technologies for Under-resourced languages) Workshop Series, which have been organized since 2008 and, as LREC Workshops, since 2014. As usual, this Workshop will span the research interest areas of less-resourced, under-resourced, endangered, minority, and minoritized languages.

#### **Workshop Website**

<https://sigul-2023.ilc.cnr.it>

#### **Special Features**

This year, the Workshop will be marked with three special events.

(1) ***Special Session on Celtic Language Technology*** (August 18)

SIGUL 2023 will provide a Special Session or Forum for researchers interested in developing language technologies for Celtic languages.

(2) ***Joint Session with SLaTE 2023*** (August 19)

SIGUL 2023 will have a Joint Session with the 9<sup>th</sup> Workshop on Speech and Language Technology in Education ([SLaTE 2023](#)). The goal is to accelerate the development of spoken language technology for under-resourced languages through education.

(3) ***Social Outing and Dinner near Dublin*** (August 20) [optional]

## Workshop Topics

Following the long-standing series of previous meetings, the SIGUL venue will provide a forum for the presentation of cutting-edge research in natural language processing and spoken language processing for under-resourced languages to both academic and industry researchers and also offer a venue where researchers in different disciplines and from varied backgrounds can fruitfully explore new areas of intellectual and practical development while honoring their common interest of sustaining less-resourced languages.

Topics include but are not limited to:

- processing of any under-resourced language (covering less-resourced, under-resourced, endangered, minority, and minoritized languages);
- cognitive and linguistic studies of under-resourced languages;
- fast resources acquisition: text and speech corpora, parallel texts, dictionaries, grammars, and language models;
- zero-resource speech technologies and self-supervised learning;
- cross-lingual and multilingual acoustic and lexical modeling;
- speech recognition and synthesis for under-resourced languages and dialects;
- machine translation and spoken dialogue systems;
- applications of spoken language technologies for under-resourced languages;
- special topics:
  - Celtic language technology;
  - spoken language technologies for under-resourced languages via education.

We also welcome various typologies of papers:

- research papers;
- position papers for reflective considerations of methodological, best practice, institutional issues (e.g., ethics, data ownership, speakers' community involvement, de-colonizing approaches);

- research posters for work-in-progress projects in the early stage of development or description of new resources;
- demo papers, and early-career/student papers, to be submitted as extended abstracts and presented as posters.

## Instructions for Submission

Prospective authors are invited to submit their contributions according to the following guidelines.

- Research and position papers and posters: a maximum of 5 pages with the 5<sup>th</sup> page reserved exclusively for references.
- Demo papers, and early-career/student papers: a maximum of 3 pages with the 3<sup>rd</sup> page reserved for references.

Both types of submissions must conform to the [Interspeech format](#) defined in the paper preparation guidelines as instructed in the [author's kit](#) on the Interspeech Webpage. Papers do not need to be anonymous. Authors must declare that their contributions are original and that they have not submitted their papers elsewhere for publication.

## Important Dates

- Paper submission deadline: 28 May 2023
- Notification of acceptance: 2 July 2023
- Camera-ready paper: 21 July 2023
- Workshop date: 18-20 August 2023

## Outline of the Programme

SIGUL 2023 will continue the tradition of the previous SIGUL event featuring a number of distinguished keynote speakers, technical oral and poster sessions, and panel discussions to discuss a better future for under-resourced languages and under-resourced communities.

## Full List of Organizers

### ***SIGUL Board***

Sakriani Sakti (JAIST, Japan)

Claudia Soria (CNR-ILC, Italy)

Maite Melero (BSC, Spain)

***SIGUL 2023 Organizers***

Kolawole Adebayo (ADAPT, Ireland)

Ailbhe Ní Chasaide (Trinity College Dublin, Ireland)

Brian Davis (ADAPT, Ireland)

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