



## Unconference: Call for Short Paper

The Organising Committee of the South African Conference for Artificial Intelligence Research 2021 (SACAIR2021) invites the submission of posters, short papers, work-in-progress papers and extended abstracts for presentation at the Unconference, to be held at the [Wallenberg Conference Centre](#) of the [Stellenbosch Institute for Advanced Study \(STIAS\)](#) in Stellenbosch, Western Cape, South Africa. The conference, to be held from 5 to 9 December, is the fourth in a series of conferences, held since 2019, which aims to promote multi- and interdisciplinary studies in Artificial Intelligence and provide a platform for researchers and practitioners from both academia and industry to meet and share cutting edge developments in the field. The 2022 conference theme is 'Artificial Intelligence for Social Justice'. The unconference, which precedes the main conference, will provide a platform for engagement with students, emerging researchers and industry. It will consist of the symposium, industry presentations, poster sessions, panel discussions and social events. The unconference is specifically designed for young, up-and-coming researchers who wish to experience a research conference and network with like-minded future professionals. The unconference is also designed to share and discuss ideas for future research.

### Conference Structure

**5 December 2022:** Student Unconference

**6 December 2022:** Tutorials

**7 – 9 December 2022:** Conference

### Important Dates

- Submission deadline: **15 September 2022**
- Acceptance notification: **30 September 2022**

### Organising committee

- Sibonelo Dlamini [dlaminis4@ukzn.ac.za](mailto:dlaminis4@ukzn.ac.za)
- Yüvika Singh [singhY1@ukzn.ac.za](mailto:singhY1@ukzn.ac.za)
- Emile Engelbrecht [18174310@sun.ac.za](mailto:18174310@sun.ac.za)

### Submissions

The following submissions will be considered:

- Short papers and extended abstracts of no more than 2 pages in length (excluding references).
- 1 Page posters in a similar format as this call for papers.
- Presentations of no more than 7 slides (excluding references).

### Conference Tracks and Scope

Due to its multi-disciplinary nature the conference will be organised around the following four tracks:

1. Socio-technical AI (Information Systems)
2. Responsible and Ethical AI (Philosophy and Law)
3. Algorithmic, Data and Logic Driven AI (Computer Science)
4. Inter and transdisciplinary Research

We especially solicit submissions falling into the following broad themes, although we will consider other submissions should space on the programme allow:

#### 1. Socio-technical AI (Information Systems)

- AI in and for Information Systems
- AI and Socio-Technical Systems
- Human-Centered Artificial Intelligence
- AI for and in Business
- AI Supporting Sustainable Development
- AI for specific domains e.g. Education and Biodiversity
- AI for Development and Social Good

#### 2. Responsible and Ethical AI (Philosophy and Law)

- Data Ethics
- Machine Ethics
- Ethics of Socio-robotics
- Neuro Ethics
- AI and the Law
- AI Ethics Policy-making

#### 3. Algorithmic, Data and Logic Driven AI (Computer Science)

- Knowledge Representation and Reasoning
- Machine Learning
- Quantum Artificial Intelligence
- Deep Learning
- Computer Vision and Image Processing

#### 4. Inter-and transdisciplinary AI Research

Note, as the unconference is less formal than the main conference, we will also consider accepting papers with any other scope not mentioned above.

### Proceedings

Papers will undergo a light blind review process by the organising committee and will be published in the SACAIR 2022 website. The top 10-15 papers will then be awarded a presentation slot on the day of the Unconference. Furthermore, authors of rejected papers sent for review to the main conference proceedings will be given the opportunity to publish with the unconference proceedings.