



Abstract Submission Guidelines

The Concrete 2023 Program Committee invites you to submit an abstract for presentation. The theme for this year is *Resilient & Sustainable Concrete: Breaking Down Barriers*.

PAPERS SUBMISSION KEY DATES

Call for abstracts open	Tuesday 5 July 2022
Call for abstracts close	Thursday 29 September 2022
Abstract notifications	Thursday 15 December 2022
Full papers open	Thursday 15 December 2022
Full papers close	Thursday 30 March 2023
Full papers notifications	Monday 5 June 2023

HOW TO SUBMIT AN ABSTRACT

1. [Click here](#) to commence your abstract submission through eOrganiser.
2. Click the 'Create an Author' button on the bottom right-hand side.
3. After completing your author account details, you will be sent an email to verify your account for login. Please check your 'junk folder' if not received.
4. Log in to your account after it has been verified using your email address as username, and your nominated password. Please complete your user profile by selecting 'Edit My Profile' prior to submitting your abstract. Do note that your photo and biography will be displayed in the Conference program and Conference app if selected for presentation, thus please include relevant details you wish to be included.
5. Click on the 'Submit Abstract' button to access the submission page.
6. Once all fields are completed, click 'Preview and Submit'. You will be able to preview your abstract and make any changes up until 29 September 2022.
7. If you do not receive a confirmation email that your abstract was successfully submitted, please contact the Conference Managers via email at ciaconference@arinex.com.au.

ABSTRACT CONTENT AND TEXT FORMAT GUIDELINES

- Abstracts must be submitted using the [Microsoft Word template](#) provided on the Concrete website.
- Abstracts should take the form of a total of 250 words (this is in relation to the abstract only. Title and Authors are not to be included in the word abstract and are in addition to the word limit). Abstracts exceeding the word limit will be returned for re-submission.
- The system will automatically format your abstract, so there is no font or size guideline.
- Use standard abbreviations only. Within the body of the abstract, when using abbreviations spell out the name in full at the first mention and follow with the abbreviation in parenthesis. Abbreviations may be used in the title, provided the name in full is outlined in the body of the abstract.
- The abstract should be a summary of the whole paper, briefly outlining the key features, results, and conclusions of the work together with their significance. Authors are requested to indicate the conference theme that their abstract relates to.

CONCRETE2023



10-13 September 2023 • Perth Convention & Exhibition Centre, Australia • Resilient and Sustainable Concrete: Breaking Down Barriers

- Authors are entered separately within the abstract submission portal and will format automatically to the required standard. **NOTE:** The order of the authors entered in the portal will be reflected in final publications.
- Do not include tables, figures or photos.
- Abstracts must be free of typographical and grammatical errors.
- You will be asked to nominate your preference for digital poster or oral presentation.
- Please include degrees or professional titles (e.g. Dr, Prof., etc).
- Presenters must disclose any potential conflict of interest.
- The Program Committee strongly recommends each paper has a single registration attached to assist with the overall planning of the Conference.

ASSESSMENT CRITERIA

Each abstract will be assessed according to the following criteria:

1. **Clarity:** Clarity of the paper with respect to its objectives, method, (expected) findings and their significance.
2. **Quality:** Quality of the paper with respect to its significance and relevance to the conference themes.
3. **Anticipated interest to the conference attendees:** Likely degree of interest in the paper to the conference attendees including civil and building academics, consultants, contractors, researchers, developers, suppliers, civil and structural engineers, and concrete product manufacturers.

ABSTRACT THEMES

Please submit your abstract under one of the following topics:

- **Alkali Activated and Geopolymer Concretes** – Innovative research, practical applications
- **Asset and Maintenance Management** – inspection, monitoring, databases, remaining and extending life
- **Buildings** – design, inspections, maintenance, defects, compliance, certification
- **Case Studies and Major Projects**
- **Concrete Materials** – cement, SCM's, admixtures, other materials
- **Concrete Design** – axial, bending, deformation, shear, torsion, models, non-linear analysis
- **Concrete Properties** – shrinkage, creep, strength, thermal block test and adiabatic temperature, mix designs, early-age, short and long term heat of hydration
- **Digital Innovations in Concrete** – AI, 3D printing, BIM, design process, site investigations, monitoring, equipment, data management, DfMA, automation
- **Extreme Events** – Siesmic, fire, blast, cyclone, climate change
- **High Performance Concrete** – UHPC, cementitious composites, SCC and viscosity modified
- **Infrastructure** – Design, construction, maintenance of bridges, tunnels, basement, water & marine structures
- **Inspection and Testing** – visual scanning, thermography, drones, temperature, and maturity monitoring
- **Precast, Prefabricated and Modular Concrete**
- **Reinforcement** – Steel reinforcement, GFRP, fibres, stressing tendons, other reinforcing
- **Repair and Retrofit** – materials, methods, historic structures, strengthening
- **Standards, Specifications, Recommended Practices, Model Codes**



- **Sustainability** – Carbon footprint, carbon zero, repurpose, reuse, recycle, waste materials use
- **Durability** – modelling, cracking, design, monitoring in construction and operation, extended life

NOTIFICATION OF ACCEPTANCE

Notification of provisional acceptance will be sent via email to the submitting author by **15 December 2022**. Provisional acceptance or otherwise is at the discretion of the Program Committee whose decision is final. The submitting author will then need to provide the Program Committee with the full paper based on the submitted abstract to confirm acceptance into the Conference Program. Full paper submission guidelines will be provided in due course. All presenting authors must register and pay to attend the Conference by **Wednesday 5 July 2023**.

It is the author's responsibility to ensure the title, author and affiliation details entered in the paper submission site are correct and exactly as they should be published on the abstract.

Please note: Any abstract that does not comply with these specifications will not be accepted by the online submission process.

For further information, please contact the CIA 2023 Conference Organisers at ciaconference@arinex.com.au.