CONCRETE2027
A CONCRETE FUTURE -
DIGITAL, DURABLE, DECARBONISED
Brisbane Convention and Exhibition Centre
5 - 8 September 2027

ABSTRACT SUBMISSION GUIDELINES

The Concrete 2027 Program Committee invites you to submit an abstract for presentation. The theme for this year is "***A Concrete Future – Digital, Durable, Decarbonised***".

PAPERS SUBMISSION KEY DATES

- **Abstracts Submissions Open:** Wednesday, 1 July 2026
- **Abstract Submissions Close:** Wednesday, 23 September 2026
- **Author Notifications:** Wednesday, 9 December 2026
- **Full Paper Submissions Open:** Wednesday, 9 December 2026
- **Full Paper Submissions Close:** Wednesday, 24 March 2027

HOW TO SUBMIT AN ABSTRACT

1. Click here to access the Concrete 2027 Submission Portal.
2. Click the '**Create New Accoun**t' button located on the bottom right-hand side of the page.
3. Complete the contact details form. Once completed, additional tabs will become available for you to access.
4. Enter the title of your paper, select the presentation type, and click '**Continue**'.
5. Select the most appropriate Concrete 2027 submission theme for your submission and click '**Continue**'.
6. Enter your details as the submitting author and add all co-authors. You will also be required to provide a short biography for the nominated presenter.
7. Upload your abstract as either a Microsoft Word document or PDF file, then click '**Continue**'.
8. Select whether you intend to submit a full paper or an extended abstract if your initial abstract submission is accepted, then click **'Continue'.**
9. Review your submission details and uploaded information.
10. Review and accept the terms and conditions.
11. Once you are satisfied that all information is correct, click **'Submit'** to finalise your submission.
12. A confirmation email will be sent once your abstract has been successfully submitted. If you do not receive this email, please contact the Conference Managers at ciaconference@arinexgroup.com.

Please note that the submission portal does not allow you to open or preview the contents of your abstract file once it has been uploaded. During the submission stage, the portal only displays the file name, so you can confirm you have selected the correct document - it does not let you open or read the file itself at that point.

If you would like to confirm that the correct document has been uploaded, you can check this via the "Edit Abstracts" tab, where you can review and verify your submission details.

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ABSTRACT CONTENT AND TEXT FORMAT GUIDELINES

- The abstract should briefly outline the key features, results and conclusions of the work in line with the selected theme.
- 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.
- Use of Proprietary Names and Branding - Submissions should be written in a professional and non-promotional manner. The inclusion of proprietary or commercial brand names, product endorsements, or promotional content is not permitted within the title or body of the abstract/full papers. Submissions that do not adhere to this guideline may be returned for revision prior to review.
- Do not include tables, figures or photos.
- Abstracts must be free of typographical and grammatical errors.
- Please include degrees or professional titles (e.g. Dr, Prof., etc).
- It is the responsibility of the submitting author to ensure that the submission has been approved by all authors.
- Authors are requested to indicate the conference theme that their abstract relates to.
- You will be asked to nominate your preference for digital poster or oral presentation.

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:

DIGITAL

- **Artificial Intelligence** – AI
- **3D Printing** – Equipment, mix design and properties, materials testing, projects
- **BIM** – Innovations and developments, projects
- **Digital Twins**
- **Asset Management** – Site inspection, monitoring
- **Data Management**
- **Automation**
- **Innovation in Concrete Materials**
- **Concrete Design** – Axial, bending, deformation, shear, torsion, models
- **Concrete Properties** – Plastic properties, shrinkage, creep, strength, thermal properties, mix designs, early-age properties, cracking

- **High Performance Concrete** – Mix designs, UHPC, composites, SCC, viscosity modified
- **Reinforcement** – Steel reinforcement, GFRP, fibres, stressing tendons, other reinforcing
- **Standards and Codes** – Development, updates

DURABLE

- **Asset and Maintenance Management** – Inspection, monitoring, data management systems, residual and extending life
- **Durability** – Modelling, design, monitoring, extended life
- **Multi Hazard Resistance** – Seismic, fire, blast, cyclone, climate change
- **Inspection and Testing** – Visual scanning, thermography, drones, onsite testing, thermal monitoring, innovative methods

DECARBONISED

- **Alkali Activated Concrete** – Innovative research, practical applications, geopolymer, new pozzolans
- **Low Carbon Concrete** – Carbon footprint, carbon zero targets
- **Carbon Neutral Concrete** – Lifecycle analysis, calculation carbon emissions, carbon neutral design, new cements
- **Innovative Concrete Materials** – Novel reinforcement, novel composites
- **Sustainability** – Repurpose, reuse, recycle, waste materials use

MAJOR PROJECTS & CASE STUDIES

- **Major Projects**
- **Case Studies**
- **Buildings and Infrastructure** – Design, inspections, maintenance, defects, compliance and certification, bridges, tunnels, basements, roads, water infrastructure, marine infrastructure
- **Precast, Prefabricated and Modular Concrete**
- **Repair, Restoration and Retrofit** – Materials, methods, historic structures, strengthening, sustainability/LCA

NOTIFICATION OF ACCEPTANCE

Notification of provisional acceptance will be issued to the submitting author via email by **Wednesday, 9 December 2026**. Provisional acceptance is determined by the Program Committee, whose decision is final.

Authors whose abstracts are provisionally accepted will be required to submit either a full paper or an extended abstract, as nominated during the submission process, for final review and confirmation of inclusion in the Conference Program. Detailed guidelines for full paper and extended abstract submissions will be provided in due course.

To be included in the final Conference Program, all presenting authors must register and pay to attend the Conference by **Friday, 9 July 2027**.

It is the responsibility of the author to ensure that all details entered into the submission portal, including the title, author names, and affiliations, are accurate and appear exactly as they should be published in Conference materials.

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Please note:

Abstracts that do not comply with the submission requirements and specifications may be rejected by the online submission system and/or deemed ineligible for review.

For further information, please contact the **Concrete 2027 Conference Organisers** at **ciaconference@arinexgroup.com**.