ASOCSA
ASSOCIATION OF SCHOOLS OF CONSTRUCTION OF SOUTHERN AFRICA

International Council for Research and Innovation in Building and Construction

CALL FOR PAPERS

15TH BUILT ENVIRONMENT CONFERENCE | 2021

CONSTRUCTION IN 5D: DECONSTRUCTION, DIGITALIZATION, DISRUPTION, DISASTER, DEVELOPMENT

5 - 7 SEP 2021

The Hilton Hotel, Durban, South Africa

"Learning and innovation go hand in hand. The arrogance of success is to think that what you did yesterday will be sufficient for tomorrow." –William Pollard

There is little doubt that the construction industry has experienced exponential change and development in recent years. The 15th Built Environment Conference will examine five of these cutting-edge concepts to determine their state of the art in the construction sector both in practice and academic research. This conference therefore seeks responses to questions related to current conversations, debates, and empirical research on:

- **Deconstruction** - the dismantling or 'unbuilding' of buildings to maximise reusing and preserving the demolished fragments and involves taking a building apart piece by piece, essentially reversing the order of its construction.

- **Digitalization** - the conversion and transformation of construction business processes to use digital technologies and embrace the ability of digital technology to collect data, establish trends and make better business decisions.

- **Disruption** – displacement of well-established construction technologies, techniques or products to disruptively affect the normal operation or function of the construction industry while potentially creating a new industry or market. Artificial intelligence, virtual/ augmented reality, internet of things, blockchain technology, and e-commerce are some of the disruptive technologies that are significantly influencing the future of the construction industry

- **Disaster** - an occurrence that disrupts the normal conditions of existence and operation causing a level of suffering and challenge that exceeds the capacity of adjustment of the affected community and the construction industry

- **Development** – in the context of construction refers to an industry that possesses the vision, leadership and capacity to bring about a positive transformation of itself within a condensed period of time

THE CONFERENCE PROCEEDINGS WILL BE PUBLISHED BY SPRINGER AND INDEXED IN SCOPUS, COMPENDEX AND WEB OF SCIENCE.

The conference invites papers within the context of its theme that address, inter alia, in both the public and private sectors

- Current trends and developments
- Innovation
- Opportunities and challenges
- Policies and procedures
- Legislation and regulations
- Practices
- Case studies

It is intended that these papers will contribute significantly to the existing body of knowledge relative to the science and practice of construction not only in South Africa but everywhere where the products of construction are produced even in these new challenging times of fear and uncertainty.

Abstracts and full papers should be submitted to: https://easychair.org/conferences/?conf=asocsa2021

DOWNLOAD PAPER TEMPLATE

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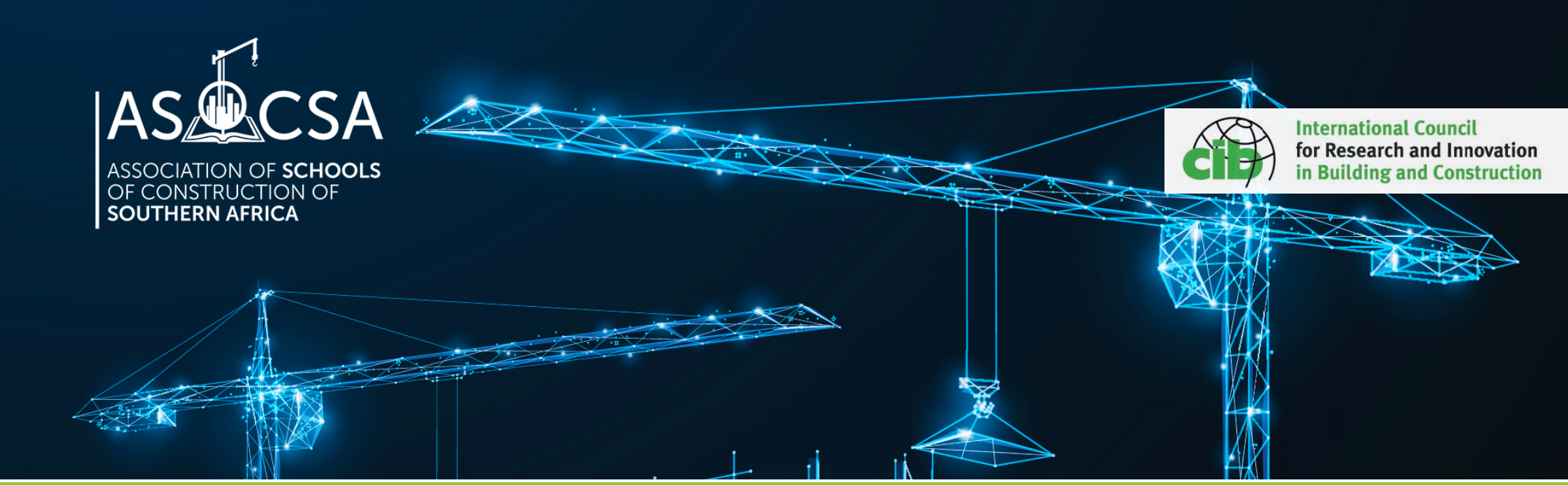

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PAPERS WILL BE REVIEWED ACCORDING TO:

- Relevance to the conference theme
- Objectives and outcomes of the conference
- Originality of subject matter
- Rigor and robustness of empirical research
- Research design and methods

DEADLINES:

Full Paper submission deadline	**15th May 2021**
Notification of acceptance	**15th June 2021**
Submission of final paper	**30th June 2021**

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CONFERENCE ATTENDANCE FEES (PHYSICAL AND/OR VIRTUAL)

TYPE OF DELEGATE	CONFERENCE ATTENDANCE (1 PUBLICATION)	ADDITIONAL PUBLICATION FEE	REGULAR ATTENDANCE (NON-AUTHOR)
Asocsa Member, CIB, Registered Professionals	R6 000	R1 000	R5 000
Non-Asocsa members	R6 500	R1 000	R5 500
Students (Master, Honours & full-time PHD)	R4 500	R1 000	R3 500

PLEASE NOTE: This will be a *Blended Conference* (physical and Virtual). Virtual Attendance will be for those delegates who have travel restrictions to South Africa.

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