

IBMC
2022
Themes

Smart Buildings and Construction Materials

- Materials for Power Plant Mixtures
- Self-Sensing, Self-Adjusting, Self-Healing Concrete
- Shape Memory Materials in Building Structures
- Structural Health Monitoring.
- Metallic Alloys, and Composites
- Multifunctional Materials
- Biomaterials, Sensors and Surfaces

Properties of Materials, Measuring Methods and Applications

- Ductility, Crack Resistance, Fatigue, Creep-resistance
- Fracture Mechanics, Mechanical Properties
- Corrosion, Erosion, Wear Resistance
- Advanced Testing Techniques for Building Materials
- Reliability Assessment, Toxicity
- Properties of Materials and Products
- Service Life and Performance Prediction Models
- Structural Rehabilitation, Retrofitting & Strengthening

Sustainable Building Materials and structures

- Sustainable, and Affordable Building Materials and Their Applications
- Green Construction and Environmental Protection
- Recycle of Construction Materials

Modern Building and Structural Materials

- High-Performance Materials
- Special Concretes
- Non-Metallic Reinforcement
- Cementitious Composites
- Thermal Insulation, and Fire-Resistant Materials
- Nanomaterials
- Ceramics and Glasses
- Geopolymer Cements and Concrete

3rd INTERNATIONAL CONFERENCE on
Innovative Building Materials
Advances in Nuclear Power Plant Mixtures
December 25-27, 2022
Housing and Building National Research Center
Cairo, Egypt

Under Auspices of
Prof. Assem El-Gazzar
Minister of Housing, Utilities
and Urban Communities

Conference Chair
Prof. Khalid El-Zahaby
Chairman of HBRC

Conference Co-Chair
Prof. Khalid Yousri **Prof. Ahmed El Gabry**
Vice Chairman, HBRC Head, BMI, HBRC

Head of Organizing Committee
Prof. Tarek M. Bahaa El Din

Conference Coordinator
Prof. Ghada Daa



3rd INTERNATIONAL CONFERENCE on
INNOVATIVE BUILDING MATERIALS
ADVANCES IN NUCLEAR POWER PLANT MIXTURES
Egypt, December 25-27, 2022

Sustainable

Green

Smart



INTRODUCTION

The continuous growth in the construction industry due to the increasing demand has imposed substantial economic and environmental implications. This has motivated significant research efforts on novel materials and their applications in construction for a more sustainable, economic, greener and durable built environment. Innovative building material research has achieved significant leaps over the last decade. This conference is the third of a planned series of conferences aiming at gathering and sharing multi – scale thematic researches on innovative building materials ranging from altering material properties at the nano scale to enhancing the performance of macro elements and structural systems. The conference will include research paper sessions and professional workshops.

CONFERENCE OBJECTIVE

The conference aims to stimulate international collaborative research on innovative building materials and their novel applications in construction. The conference provides an avenue for researchers, scientists and practicing engineers from across the globe to share and exchange ideas and experience in cutting edge innovative building material research and practice. Researchers are encouraged to submit their papers in topics related to the conference themes.

VENUE

The conference will be held at the Housing and Building National Research Center (HBRC), Giza, Egypt.

LANGUAGE

The Conference language is English.
Proceedings and presentations will be in English.

EXHIBITION

The conference will provide an opportunity for international and local companies to display their latest products, services and projects related to building materials, products and systems.

For details please correspond with the conference contacts.

Web Site: www.ibm.hbrc.edu.eg

E- Mail: ibm@hbrc.edu.eg - ibm.hbrc@gmail.com

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KEY DATES

Abstract Submission Deadline 30th July, 2022

Full Paper Submission Deadline 30th September, 2022

The full paper format can be found at: www.ibm.hbrc.edu.eg

SPONSORSHIP OPPORTUNITIES

There are several categories of conference sponsorships.

For details please correspond with the conference contacts.

Web Site: www.ibm.hbrc.edu.eg

E- Mail: ibm@hbrc.edu.eg - ibm.hbrc@gmail.com

CONFERENCE REGISTRATION FEES

International Delegates:

US\$ 400 (participate with paper)

US\$ 350 (participate without paper)

US\$ 100 for students (with valid ID)

Egyptian Delegates:

EGP 2500 (participate with paper)

EGP 2000 (participate without paper)

EGP 1500 for students (with valid ID)

Full conference registration fees includes proceedings, a welcoming reception, refreshments & gala dinner, and closing ceremony for all participants. Please refer to conference contacts to confirm your registration.

PAYMENT OF REGISTRATION FEES

1-In cash at the following address:

Housing & Building Research Center

87 El Tahrir Street Dokki, Giza , Egypt

2- By bank transfer to following account:

Swift Code : CBEGEGCXXXX

Bank Name : Central Bank of Egypt

Address : 54 El GAMHORIA ST , Cairo – Egypt

Account No. : L.E 9/190/44777/8

Ins Code : 32104601 (Very important)

Account Name: Housing &Building National Research Center

HOTEL ACCOMMODATIONS

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