

Organizing Committee

Abidi Moulay Larbi, *Mohammadia School of Engineers, Rabat*
Ait Brahim Lahcen, *Faculty of Science, Rabat*
Akhssas Ahmed, *Mohammadia School of Engineers, Rabat*
Alami Talbi Mohammed, *Faculty of Science, Rabat*
Aride Jilali, *High Normal School, Rabat*
Assani Abderrazak, *Faculty of Science, Rabat*
Asselman Hassan, *Faculty of Science, Tetouan*
Baba Khadija, *High School of Technology, Salé*
Bahi Lahcen, *Mohammadia School of Engineers, Rabat*
Belqat Bouchra, *Faculty of Science, Rabat*
Bendaoud Salah, *High Normal School, Rabat*
Boukhari Ali, *Faculty of Science, Rabat*
Cherkaoui mohamed, *Faculty of Science, Kénitra*
Diouri Abdeljebbar, *Faculty of Science, Rabat*
El Ammari Lahcen, *Faculty of Science, Rabat*
Elachouri Mohamed, *High Normal School, Rabat*
Guedira Taoufik, *Faculty of Science, Kénitra*
Kettar Jalal, *High School of Technology, Salé*
Khachani Nacer, *Faculty of Science, Rabat*
Khalfaoui Mohamed, *High School of Technology, Salé*
Lamdouar Nouzha, *Mohammadia School of Engineers, Rabat*
Lotfi Elmostapha, *Technical High Normal School, Rabat*
Mliha Touati Mohamed, *Mohammadia School of Engineers, Rabat*
Mzerd Ahmed, *Faculty of Science, Rabat*
Nabih Khadija, *Faculty of Science, Rabat*
Nounah Abderrahman, *High School of Technology, Salé*
Ouadif Latifa, *Mohammadia School of Engineers, Rabat*
Ouchetto Malika, *Faculty of Science, Rabat*
Rougui Mohammed, *High School of Technology, Salé*
Saadaoui Malika, *Mohammadia School of Engineers, Rabat*
Saadi Mohamed, *Faculty of Science, Rabat*
Samaouli Abderrahim, *Faculty of Science, Rabat*
Sassi Omar, *High Normal School, Rabat*
Taïbi Mhamed, *High Normal School, Rabat*
Zriouil Mohamemd, *Faculty of Science, Rabat*

First Announcement CALL FOR ABSTRACTS

Submission Deadline for Abstracts

March 20, 2017

Author Notification Deadline

April 3, 2017

Registration Opens

April 10, 2017

Submission of publications

June 5, 2017

Acceptance of Publications

September 30, 2017

Early Registration Deadline

October 15, 2017

Articles selected by scientific committee will be
published in renowned indexed journals

Official Languages
English & French

Permanent Secretariat

A. DIOURI, A. BOUKHARI, L. AIT BRAHIM, Kh. NABIH
Faculty of Science, 4 Av. IBN Battouta, MB: 1014- Rabat

L. BAHY, M.L. ABIDI

Mohammadia School of Engineers,
Av. Ibn Sina MB 765 Agdal, Rabat

M.TAIBI, J. ARIDE

High Normal School, Rabat

A. NOUNAH, M. KHALFAOUI
High School of Technology, Salé

Tel/Fax: (212) 0537775440

Abstract Submission :

E-mail : congresscmss@fsr.ac.ma

Website: <http://www.fsr.ac.ma/CMSS17/>



Second International Congress on Materials & Structural Stability

Morocco, 22-25 November 2017

Energy Efficient Materials & Sustainable Construction

The International Congress on Materials & Structural Stability CMSS-2017, will bring together international scientific community, academics and practitioners, researchers and students.

The first edition of the CMSS congress was organized in Rabat in November 2013 under the high patronage of his Majesty king Mohammed VI. It was a great success with the participation of more than 420 researchers and industrialists from 36 countries.

This edition will provide an opportunity to discuss and share recent advances in both research and practice about the important various fields of engineering and applied science of materials and structures, aspects of innovation in civil engineering and building materials.

General and Special sessions, panels, Keynotes of Industrialist's Perspectives, oral communications and posters, cover a wide variety of topics of main materials and diagnostics of civil engineering, building, structures and geotechnics.

The exhibition space for professionals, individual or group of industries will be a great opportunity for an exchange and advertising products as well as innovative materials, processes or equipment characterization techniques

Organizers



Association Science of Materials
& Construction Technology



Mohammed V University in Rabat



Faculty of Science



Mohammadia School
of Engineers



Normal High School



High School
of Technology

2nd International Congress on Materials & Structural Stability

22-25 November 2017 Rabat, Morocco

MAIN TOPICS

01 Cementitious Materials

- Additions
- Advanced construction materials
- Aggregates
- Cements
- Composite materials
- Concretes
- Fly ash
- Hybrid materials
- Industrial by-products
- Sediments
- Microsilica in Concrete
- Slag
- Substitution Materials
- Superplasticizers

02 Ceramics, Wood and Polymers

- Advanced ceramics
- Bindings
- Bricks
- Clay minerals
- Connectors
- Dimensional stability
- Durability of wood
- Fiber Reinforced Polymer (FRP)
- Floor joists
- Geotextile
- Glass-ceramics
- Glued laminated timber framing
- Hybrid Composites
- Load and Resistance Factor
- Marble
- Removing wood
- Silicates
- Soundproofing
- Traditional ceramics
- Wood frame

03 Metallic Materials

- Aluminium
- Alloy
- Brass
- Carbon Steel
- Cast iron
- Ferrous metals
- Lead Metal-Matrix
- Composite Mild Steel
- Silver Stainless
- Steel
- Zinc and Zinc Alloys
- Wrought iron

04 Pathologies

- Alkali-aggregate reaction
- Biodegradation
- Buildings aging
- Carbonation
- Construction diseases
- Corrosion
- Cracking
- Cracks and watermarks
- Diagnostic Methods
- Freeze-thaw
- Functional changes
- Leaching
- Reinforcement corrosion
- Structural changes
- Sulfate attacks

.....and more.../...

05 Building Structures

- Analysis and Computation
- Blasting
- Bridge Decks
- Bridge Enclosures
- Bridges
- Building design
- Buildings
- Extreme loads
- Macro-Mechanical Approach
- Masonry
- Modelization
- Nonstructural elements
- Structural engineering
- Transportation structures

06 Geotechnics

- Areas of urbanization,
- Cavities
- Choice of sites dams, ports etc.
- Deep Foundations
- Diagnosis, monitoring,
- Inflatable Soils,
- Landslides,
- Modeling and calculation methods
- Permeability
- Soil liquefaction
- Soil mechanics
- Soil swelling
- Stability of slopes,
- Superficial Foundations
- Traditional buildings,
- Underground tunnels and excavations,

07 Earthquake Engineering

- Demolition work
- Dynamics of structures,
- Earthquake
- Effect of sites, Soil movements,
- Geophysics, Wave analysis,
- Insurance and seismic risks,
- Modelization,
- Neotectonic,
- Seismic alea,
- Seismic codes and regulations,
- Seismic safety of structures
- Sismotectonic,
- Stability of slopes
- Structural Response
- Vibration of Foundations
- Vulnerability,

08 Environment and Energy Efficiency

- Deposit of hazardous waste
- Diagnostic methods
- Embankments
- Energy in buildings
- Gel-thaw
- Passive habitat
- Pollution
- Renewable energies
- Reservoirs
- Sustainable development
- Sustainable housing
- Territory development
- Thermal efficiency
- Transportation
- Waste recovery

.....and more.../...

Submission Abstract: E-mail : congresscmss@fsr.ac.ma

Website: <http://www.fsr.ac.ma/CMSS17/>