

مؤتمر الأزهر الهندسي الدولي الحادي عشر



AEIC 2010

23-21 ديسمبر 2010

القاهرة - جمهورية مصر
العربية
دعوة أولى
كلية الهندسة
جامعة الأزهر
مدينة نصر - القاهرة

Al-Azhar Engineering Eleventh International Conference



AEIC 2010

December 21-23 2010

Cairo – Egypt`

First CALL

Faculty of Engineering

Al-Azhar University

Nasr City, Cairo, Egypt

تعتبر جامعة الأزهر أقدم جامعات
العالم ، حيث مر على إنشائها أكثر
من ألف عام . وقد أنشئت كلية
الهندسة في عام 1964 م وذلك في
إطار تطوير الجامعة للاهتمام بالعلوم
التطبيقية بجانب العلوم الإسلامية
والإنسانية .

ويأتي مؤتمر الأزهر الهندسي
الدولي الحادي عشر ضمن
المؤتمرات الدولية التي تعقدتها
الكلية منذ عام 1989.

ويقوم المؤتمر بتغطية التخصصات
التالية :

- 1- الهندسة المدنية
- 2- الهندسة الميكانيكية
- 3- الهندسة الكهربائية
- 4- هندسة التعدين والبتروك
- 5- هندسة العمارة
- 6- هندسة التخطيط العمراني
- 7 - هندسة النظم والحاسبات
- 8- الرياضيات والفيزياء الهندسية

مواعيد قبول الأبحاث

1 فبراير 2010
آخر موعد لتلقى ملخصات الأبحاث

1 مارس 2010
الإخطار بقبول ملخصات الأبحاث

1 يوليو 2010
آخر موعد لتلقى الأبحاث الكاملة

1 أغسطس 2010
الإخطار بقبول الأبحاث

المعرض

سيتم افتتاح معرض للأجهزة الصناعية
و الأنشطة البحثية أثناء فترة انعقاد
المؤتمر.
وعلى من يرغب الإشتراك في المعرض
التنسيق مع أمين عام المؤتمر .

Al-Azhar University is more than one thousand years, where studies on both the graduate and undergraduate levels are offered. Such studies range from traditional and religious areas to modern scientific and technological fields. In fact, the Faculty of Engineering is not quite a duplicate of similar faculties and colleagues in other universities. Likewise, Al-Azhar Engineering International Conference (AEIC) is a unique event that provides broad coverage of most engineering subjects.

Key dates

Feb. 1st, 2010

Receiving abstracts.

March 1st, 2010

Notification of abstracts' acceptance.

July 1st, 2010

Receiving full papers.

Aug. 1st, 2010

Notification of papers' acceptance.

Exhibition

During the conference period, an exhibition of equipment and research activities will take place.

For the information relevant to participation in the exhibition, please contact the General Secretary.

Registration fee

For non Egyptians
Up to July 15th, 2010

Speakers : \$ 500

Participant: \$ 400 / person
\$ 1500/5 persons

After July 15th, 2010

Speakers : \$ 500

Participant: \$ 450 / person
\$ 2000 / 5 persons

Payment

Payment is acceptable in cash or
by bank transfers payable to:

Al-Azhar Engineering eleventh

International Conference

Faculty of Engineering

Al-Azhar University

Hotel accommodations, visits
booking and arrangements for
sight seeing and technical visits
are also available.

Correspondence

All inquiries and/or
correspondences should be
addressed to :

Prof. Dr.
Abd El-Wahed Gabr
General Secretary

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Cairo, Egypt

Tel: +(202) 24029873 / 22601702
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Cellular: + (2012) 1061867
Fax: + (202) 22601706

*Correspondences are highly
appreciated through electronic
mail*

Web site: www.azhar.edu.eg

TOPICS

Nine different engineering
fields are selected to cover a
wide spectrum of specialties;

ARCHITECTURE

A1 Architecture Education
A2 Architecture and Human
Behavior
A3 Construction and building
Technology
A4 Design and Sustainability
A5 Theories of Design and
Architecture
A6 Precedents in Architecture
A7 Architecture in Islamic
World
A8 Urban Design and
Development
A9 Visual Assessment and
Criticism
A10 Professional Practice

CITY AND REGIONAL PLANNING

R1 Development of Rural and
Desert Regions
R2 Development of Tourism
Areas
R3 Ecology and Pollution
R4 Urban Planning Education
R5 Infrastructure and Urban
Development
R6 Impact of Sustainable
Development on Urban
Planning
R7 Impact of Privatization on
Urban Planning
R8 Islamic Cities
R9 Problems of Large Cities
R10 Problems of New Towns
R11 Urban Planning
R12 Water Resources and
Urban Development

CIVIL ENGINEERING

C1 Bridge Engineering
C2 Concrete and Construction
Technology
C3 Construction Management
C4 Earthquake Engineering
C5 Environmental Engineering
C6 Geotechnical Engineering
C7 Highway Engineering
C8 Hydraulic and Water Eng.
C9 Materials and Quality
Control

C10 Reinforced Concrete
C11 Steel Structure
C12 Surveying and
Measurements
C13 Theory of Structure
C14 Transportation and
Traffic Engineering

ELECTRICAL ENGINEERING

E1 Circuits and Systems
E2 Digital Signal Processing
E3 Electrical
Communication
E4 Opto-Electronics
E5 Micro-electronics
E6 Fields and Waves
E7 Electrical Machines
E8 High Voltage
Engineering
E9 Power Electronics and
Electric Drivers
E10 Power Generation and
Transmission
E11 Power Systems
(Analysis and Control)
E12 Renewable Energy
E13 Switch Gear and
Protection

ENGINEERING MATHEMATICS AND PHYSICS

P1 Adaptive Solutions
Techniques
P2 AL-Based Methods
P3 Applied Mathematics
P4 Optimization Methods
P5 Physical Systems,
Modeling and simulation
P6 Soft Computing
Techniques

MECHANICAL ENGINEERING

M1 Combustion and Flame
M2 Internal Combustion
Engines
M3 Energy Conversion and
Conservation
M4 Heat and Mass Transfer
M5 Air Conditioning and
Refrigeration
M6 Fluid Mechanics
M7 Turbo machinery
M8 Aeronautics and
Aerodynamics

M9 Environmental Pollution and
Control
M10 Automatic Control
M11 Nuclear Energy
M12 Manufacturing Processes and
Systems
M13 Industrial Engineering
M14 Engineering Materials
M15 Powder Metallurgy
M16 Machine Design and
Mechanisms
M17 Stress Analysis
M18 Ergonomics and
Bioengineering
M19 CAD/ CAM

MINING ENGINEERING

N1 Extractive Metallurgy
N2 Geostatistics
N3 Materials Science
N4 Mine Surveying
N5 Mineral Processing
N6 Mining and Environment
N7 Mining Geology
N8 Mining Technology
N9 Particulate Material Handling
N10 Physical Metallurgy
N11 Nanocrystalline Materials
N12 Amorphous and glassy
materials
N13 Composite Materials
N14 Thin Films
N15 Metal hydrides, carbides and
nitrides
N.16 Mechanical Alloying
N17 Reserve Estimation
N18 Rock Mechanics

PETROLEUM ENGINEERING

L1 Applied Geophysics
L2 Drilling
L3 Environmental Considerations
L4 Gas Engineering
L5 Petroleum Geology
L6 Processing and
Petrochemicals
L7 Production
L8 Reservoirs
L9 Transportation

SYSTEMS AND COMPUTERS ENGINEERING

S1 Artificial Intelligence and

its Applications
S2 Computer Architecture
S3 Digital Processing
S4 Distributed Systems
S5 Information Systems
S6 Intelligent Control and
Robotics
S7 Multimedia
S8 Network Computing
S9 Parallel Processing
S10 Software Engineering
E11 System Engineering and
Control
S12 Testing and Diagnosis

Prospective authors
should submit an abstract
of not more than 300
words (3 copies) in English
(electronic submission is
highly appreciated).

However, in certain
fields, submission in
Arabic is allowed, but in
this case the title should
be written both in English
and in Arabic.

All papers will be
refereed by members of
international and local
scientific committees .

PUBLICATIONS

All the accepted papers
will be published in Al-Azhar
University Engineering
Journal (JAUES). JAUES is
an international scientific
journal published by the
Faculty of Engineering, Al-
Azhar University (ISSN
1110-6409).

**رسم الاشتراك
للمصريين المقيمين بالوطن**

حتى 15 يوليو 2010

• الأبحاث
600 جنيه مصري للبحث

• اشتراك بدون أبحاث
400 جنيه مصري للفرد
2000 جنيه مصري (5أفراد)

بعد 15 يوليو 2010

• الأبحاث
650 جنيه مصرياً للبحث

• اشتراك بدون أبحاث
450 جنيه مصري للفرد
2000 جنيه مصري (5أفراد)

تسديد الاشتراكات

تقبل الاشتراكات نقداً بمقر
المؤتمر أو بشيك باسم :

مؤتمر الأزهر الهندسي الدولي
الحادي عشر – كلية الهندسة –
جامعة الأزهر

مدينة نصر 11371 – القاهرة
جمهورية مصر العربية

تساعد أمانة المؤتمر في حجز
وترتيب الرحلات السياحية وزيارة
المواقع الهندسية.

المراسلات

ترسل جميع الملخصات و البحوث
والاستفسارات باسم:

الأمين العام
الأستاذ الدكتور
عبد الواحد على جبر

كلية الهندسة – جامعة الأزهر
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