

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 الثاني عشر ضمن المؤتمرات الدولية التي تعقدها 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 أبريل 2012

آخر موعد لتلقى ملخصات الأبحاث

1 مايو 2012

الإخطار بقبول ملخصات الأبحاث

1 أغسطس 2012

آخر موعد لتلقى الأبحاث الكاملة

1 سبتمبر 2012

الإخطار بقبول الأبحاث

المعرض

سيتم افتتاح معرض للأجهزة الصناعية والأنشطة البحثية أثناء فترة انعقاد المؤتمر.

و على من يرغب الإشتراك في المعرض التنسيق مع أمين عام المؤتمر .

مؤتمر الأزهر الهندسي الدولي الثاني عشر



AEIC 2012

2012 27-25

القاهرة - جمهورية مصر العربية

وجوهة أدلة

كلية الهندسة

جامعة الأزهر

مدينة نصر - القاهرة

Al-Azhar Engineering Twelfth International Conference



AEIC 2012

December 25-27 2012

Cairo - Egypt`

First CALL

Faculty of Engineering

Al-Azhar University

Nasr City, Cairo, Egypt

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

April 1st, 2012

Receiving abstracts.

May 1st, 2012

Notification of abstracts' acceptance.

Aug. 1st, 2012

Receiving full papers.

Sep. 1st, 2012

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, 2012

Speakers : \$ 500

Participant: \$ 400 / person

\$ 1500/5 persons

After July 15th, 2012

Speakers : \$ 500

Participant: \$ 450 / person

\$ 2000 / 5 persons

Payment

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

Al-Azhar Engineering Twelfth

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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22601702

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Fax: + (202) 22601706

*Correspondences are highly appreciated through electronic mail: `aeic2012@yahoo.com`
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 LANNING

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

تسديد الاشتراكات

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 2012

الأبحاث

700 جنيه مصري للبحث

اشتراك بدون أبحاث

450 جنيهاً مصرياً للفرد
2000 جنيه مصرياً (5أفراد)

بعد 15 يوليو 2012

الأبحاث

750 جنيهاً مصرياً للبحث

اشتراك بدون أبحاث

450 جنيه مصري للفرد
2000 جنيه مصرياً (5أفراد)

تسديد الاشتراكات

تقبل الاشتراكات نقداً بمقر المؤتمر أو بشيك باسم:

مؤتمر الأزهر الهندسي الدولي الثاني 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

رقم بريدي 11371

مدينة نصر - القاهرة

جمهورية مصر العربية

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+(2012) 22153943 :

+(2012) 02600038 :

+(202) 22601706 :

ترحب الأمانة العامة للمؤتمر بالمراسلات عن طريق البريد الإلكتروني:

aeic2012@yahoo.com