

تعتبر جامعة الأزهر أقدم جامعات العالم ، حيث مر على إنشائها أكثر من ألف عام . وقد أنشئت كلية الهندسة في عام ١٩٦٤ 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 ١٩٨٩ . ويقوم المؤتمر بتغطية التخصصات التالية :

- ١- الهندسة المدنية
- ٢- الهندسة الميكانيكية
- ٣- الهندسة الكهربائية
- ٤- هندسة التعدين والبتروك
- ٥- هندسة العمارة
- ٦- هندسة التخطيط العمراني
- ٧- هندسة النظم والحاسبات
- ٨- الرياضيات والفيزياء الهندسية

مواعيد قبول الأبحاث

١ نوفمبر ٢٠١٠
آخر موعد لتلقى الأبحاث الكاملة

١٥ نوفمبر ٢٠١٠
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 .

مؤتمر الأزهر الهندسي الدولي الحادي عشر



AEIC 2010

٢١-٢٢ ديسمبر ٢٠١٠

القاهرة - جمهورية مصر العربية

وعنونة أعمدة

كلية أعمدة

جامعة الأزهر

مدينة نصر - القاهرة

Al-Azhar Engineering Eleventh International Conference



AEIC 2010

December 21-23 2010

Cairo - Egypt`

LAST 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

November 1st, 2010

Receiving full papers.

November 15st, 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 :

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Abd El-Wahed Gabr
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appreciated through electronic
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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

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 ١٥ يوليو ٢٠١٠

• الأبحاث

٦٠٠ جنيه مصري للبحث

• اشتراك بدون أبحاث

٤٠٠ جنيهاً مصرياً للفرد

(١٧٥٠ جنيه مصرياً (٥أفراد)

بعد ١٥ يوليو ٢٠١٠

• الأبحاث

٦٥٠ جنيهاً مصرياً للبحث

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٤٥٠ جنيه مصري للفرد

(٢٠٠٠ جنيه مصرياً (٥أفراد)

تسديد الاشتراكات

تقبل الاشتراكات نقداً بمقرر
المؤتمر أو بشيك باسم :
مؤتمر الأزهر الهندسي الدولي
الجادي عشر - كلية الهندسة
- جامعة الأزهر

مدينة نصر ١١٣٧١ - القاهرة
جمهورية مصر العربية

تساعد أمانة المؤتمر في حجز
وترتيب الرحلات السياحية و
زيارة المواقع الهندسية.

المراسلات

ترسل جميع الملخصات و
البحوث والاستفسارات باسم:

الأمين العام

الأستاذ الدكتور

عبد الواحد على حبر

كلية الهندسة - جامعة الأزهر
رقم بريدي ١١٣٧١
مدينة نصر - القاهرة
جمهورية مصر العربية

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ترحب الأمانة العامة للمؤتمر
بالمراسلات عن طريق البريد
الإلكتروني

aeic2010@yahoo.com :

