

# السيد الأستاذ/ مدير عام كلية العلو ور

0

تحية طيبة وبعد،،

نتشرف أن نرفق لسيادتكم طيه صورة ما ورد من شركة حدث للابداع وريادة الاعمال بالتعاون مع أكاديمية البحث العلمي وصندوق العلوم والتنمية التكنولوجية بشأن الدعوة للاشتراك في " فعاليات المؤتمر الدولي الثاني للتعاون بين الصناعة والبحث العلمي " في الفترة من ٧-٩ ابريل ٢٠١٥ بمركز القاهرة الدولي للمؤتمرات بمدينة نصر ،

برجاء التفضل بالعلم واتخاذ اللازم نحو الإعلان عن هذا المؤتمر بكليستكم المسوقرة وعلى السادة راغبي المشاركة مخاطبة الجهة المنظمة مباشرة على العنوان الموضح .

وتفضلوا بقبول وافر الاحترام ،،،،

المدير العام

104

ومناد ١١١٥

c.10/1/16 0.10/1/18

أ٠/ لياء محمود على

وارد رقع مم التاريخ ١١٥١ م

العدمات المتعافية وصوره لوجة الحزمات الإلكروسي فسر معالي الوثي

( + + ex



Industry Academia Collabo.

Technology for development

Cairo International Convention Centre

السيد الاستاذ الدكتور/ محمد القناوى - رئيس جامعة المنصورة

### تحیه طیبه وبعد ،،،

في إطار التوجهات العامة للدولة وبناء على توصيات **فخامة السيد رئيس الجمهورية**، فإن أكاديمية البحث العلمي وصندوق العلوم والتنمية التكنولوجية بالتعاون مع شركة حدث للإبداع وريادة الأعمال يتشرفون بدعوة السادة أعضاء هيئة التدريس بالكلية (بالجامعة) للاشتراك في فعاليات المؤتمر الدولي الثاني للتعاون بين الصناعة و البحث العلمي والذي يشارك في تنظيمة العديد من الجهات والمؤسسات المحلية والإقليمية والدولية ومنها الاتحاد الاوروبي ومؤسسة مصر الخير ومنظمة اليونسكو ومنظمة الأسكوا وغيرها، وسيعقد المؤتمر بمركز القاهرة الدولي للمؤتمرات بمدينة نصر خلال الفترة من ٧ الي ٩ أبربل٢٠١٥.

هدف المؤتمر الدولي للتعاون بين الصناعة والبحث العلمي لتطوير العلاقة وتفعيلها بين مجتمع البحث العلمي ممثلاً في الجامعات والمراكز البحثية و المجتمع الصناعي بهدف تحقيق نهضة إقتصادية حقيقية إنطلاقاً من العلوم والتكنولوجيا، وكذلك التأكيد على أهمية توجيه البحوث العلمية نحو حل المشكلات الصناعية والمجتمعية وتوظيفها في تحقيق تنمية إقتصادية وإجتماعية.

وتتضمن فعاليات المؤتمر العديد من الأنشطة التي تساهم في تحقيق هذة الرؤيا، ومن أهم هذة الفعاليات المؤتمرات العلمية و فعاليات "التشبيك" ، هذا بالإضافة لجلسات وحلقات نقاش المؤتمر التي ستناقش مختلف موضوعات وقضايا التكامل بين البحث العلمي والصناعة ،كما سيتم إستعراض آليات التمويل وسبل الدعم المختلفة التي تساهم في تطوير البحث العلمي بما يخدم الأقتصاد والصناعة والمجتمع.

\* مرفق المحاور العلمية الخاصة بالمؤتمر

ويشرفنا قبول الاوراق البحثيه من المعيدين والاساتذه المساعدين والباحثين بالكليه على الموقع الالكتروني : . www.iacconf.com

وتفضلوا بقبول وافر التحيه والتقدير

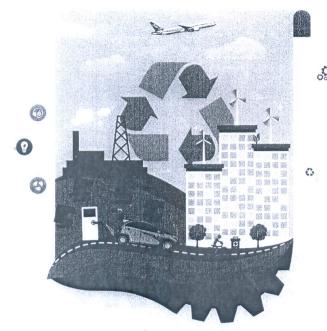
المناه والمالية المناهدة المنا اليامية للسطرية عطيا

م/ محمد السيد عبود

رئيس اللجنه المنظمه











# Industry Academia Collaboration Technology for Development

# 7-9 April 2015

Cairo International Convention Centre

For more details, visit www.iacconf.com











Main Partners







Academic Partners





# The International Conference on Industry Academia Collaboration

IAC (Industry Academia collaboration conference) is an international conference that is meant to build the backbone for development through integrating research efforts and industry looking strategically at a future society owning its power, through developing its products, fulfilling its needs independently and sustaining outputs through pushing towards a suitable medium and ecosystem for such a collaboration.

Managing resources of life is one of the main issues growing nowadays for the lack of energy, water, food and many other resources important for sustaining a good life which takes us to work on having a more nature-friendly life with a resource saving and cost effective facility that aims at drawing a realistic road map, and empowering the industrial academia collaboration to reach a healthier lifestyle through the green city model we are looking forward to achieve.

## Conference Scientific Committee

#### Prof. Said Megahed

Vice President for Research (VPR), Egypt-Japan University of Science and Technology (E-JUST)

#### Dr. Alaa Khamis

R&D Department at Vestec, Inc., Canada

#### Prof. Hassan Azzazy

Professor of Chemistry & Leader of Novel DiagX & Therapeutics, AUC

#### Prof. Amr Faruk

Assistant President of the Academy of Scientific Research and Technology

#### Prof. Mohamed El Leithy

Advisor to President of the Academy of Scientific Research and Technology for Planning, Monitoring and Technical Support

#### Prof. Tyseer Aboulnasr

Visiting Professor, Nile University, former Dean of the Faculty of Applied Sciences at the University of British Columbia

#### Prof. Yasser Gaber Dessouky

Dean of Scientific Research and Innovation at AASTMT

#### Dr. Heba Gaber

Research and Innovation Officer at European Union

#### Prof. Yehea Ismail

Director of Nanoelectronics and Devices Center at AUC and Zewail City

#### Prof. Adel Nofal

Former President of CMRDI

#### Prof. Ossama Ismail

Dean Regional Informatics Center at AAST

#### Prof. Ashraf Badawi

Dean of Student Affairs at University of Science and Techonology, Zewail City

#### Prof . Moustafa A. Chaaban

Professor, Ain Shams University , ASME-Fellow

#### Dr. Tarek Hatem

British University of Egypt, ASME-Egypt Senior Section Chairman

#### Prof. Nagui A. Abdel-Khalek

Vice President of CMRDI

#### Prof. Alaa El Din El-Haweet

Dean of college of fisheries Technology and Aquaculture at AASTMT

#### Prof. Sameh Kantoush

Water Resources Research Center - Disaster Prevention Research Institute, Kyoto University

# Electronics, Communication d Information Technology Trac

Information and Communication Technology and Electronics pushed the world towards a borderless phase where everything controlled from anywhere by anyone. Therefore a collaboration level between academia and industry is needed to increas scalability, flexibility and speed also increasing prospects of innovation and enriching the medium of investment. This track aim to provide a platform for researchers, engineers, academics and industrial professionals to present their recent research work ICTE, their challenging problems and their applicability to many pertinent areas of industrial and commercial importance.

## Track Topics:

All articles will undergo a rigorous review process. Accepted papers will be published in the conference proceedings. Extended versic of selected papers will be recommended for publication in special issue of International Journals. Topics include but not limited to: **Electronics and Communications** 

- · QoS Provisioning and Architectures
- · Telecommunication Services and Applications
- Wireless Networking
- · Network performance, security, planning and designs · VLSI Design and Fabrication
- · Optical Communications
- · Multimedia Communications
- · Network performance, security, planning and designs. Data Mining
- · Optical Communications
- · Software Technology in communication Engineering

#### **Applied Electronics**

- · Embedded Systems
- · Reconfigurable Computing
- · VLSI Design

- · Biomedical Electronics
- · Applications of Neural Networks

#### Information and Communication Engineering

- · Bioinformatics
- · Photonic Technologies
- · Parallel and Distributed Computing
- Cryptography
- · Algorithms and Data Structures
- · Graphs and Combinatorics
- · E-commerce and E-learning
- · Geographical Information Systems (GIS)

#### Microwave Engineering

· Antennas - Design, Modeling and Measurement

- · Microwave Circuits Systems and Applications
- · Computational Electromagnetics
- · Radio Propagations
- · Integrated Optics

#### Coding and Signal Processing

- · Channel Coding
- ·Space-Time Signal Processing MIMO and OFI Systems
- · Signal Detection and Estimation
- · Audio/Speech Signal Processing
- ·Image/Video Processing and Coding
- · Medical Imaging and Image Analysis
- · VLSI Design and Fabrication

#### Paper Submission:

Papers should be submitted electronically via the conference's EasyChair submission page. Paper authors may choose betwee two formats: Full papers (6 pages max) and short papers (4 pages max) following "IEEE standard formatting guidelines". Bot formats will be included in the proceedings and will be pre-sented at the conference. Papers will be presented in 15 minutes wit 5 minutes for questions and discussion. Short papers typically will be presented in 10 minutes with 5 minutes for questions and discussion. Both formats will be rigorously peer reviewed. Complete papers are required — abstracts and incomplete papers wil not be reviewed. Full papers report on mature work, or efforts that have reached an important milestone for the industry. Shor papers will highlight efforts that might be in an early stage, but are important for the Industry to be made aware of.

Workshops are intended to draw together communities of interest — both those in established communities and those interested in discussion and exploration of a new or emerging issue. They can range in format from formal, perhaps centering on presentation of refereed papers, to informal, perhaps centering on an extended round-table discussions among the selected participants Submissions should include: a workshop title and short description, a statement of objectives for the workshop, a topical outline fo the workshop, identification of the expected audience and expected number of attendees; a description of the planned format and duration (half-day, full-day, or one and a half day), information about how the attendees will be identified, notified of the workshop and, if necessary, selected from among applicants; as well as contact and biographical information about the organizers.

#### Track Scientific Committee:

#### Prof. Said Khamy

Life Fellow IEEE, Professor Emeritus, Department of Electrical Engineering, Faculty of Engineering, Alexandria University

#### Prof. Sherif El-Kassas

Professor, Department of Computer Science and Engineering, American University in Cairo

#### Dr. Fadel Daygam

Executive Director of R&D Department, NTRA

#### Prof. Mohamed Khairy

Prof. of Telecommunications, Faculty of Engineering, Cairo University & Smart-tech Group CEO

#### Dr. Maged Ghoneima

Assistant Professor, Electronics Engineering, American University in Cairo

#### Dr. Mohamed Swillam

Assitant Professor, Department of Physics, American University in Cairo

#### Dr. Hanaa Shaker

Assistant Professor, Department of Electronic and Communications Engineering, Zagazig University

#### Prof. Mohamed ElHelw

Assistant Professor, Center for Informatics Sciences, School of Communications and Information Technology, Nile University