CALL FOR PAPERS

iac 2015
Industry Academia Collaboration
المؤتمر الدولي للتعاون بين الصناعة والجامعة

Industry Academia Collaboration
Technology for Development

7-9 April 2015
Cairo International Convention Centre

For more details, visit **www.iacconf.com**

Organizers
HADATH for Innovation & entrepreneurship
Academy of Scientific Research And Technology
STDF صندوق العلوم والتنمية التكنولوجية — Science and Technology Development Fund

Main Partners

Academic Partners
Nile University — ZEWAIL CITY

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

Robotics and Artificial Intelligence Track

Track Description:

In recent years, robotics and artificial intelligence techniques started to demonstrate their power in dealing with hard real world problems. This track aims at providing a platform for researchers, engineers, academics and industrial professionals to present their recent research work in robotics and artificial intelligence, their challenging problems and their applicability to many pertinent areas of industrial and commercial importance. This track will feature plenary speeches, technical sessions from potential contributors from academia and industry, workshops, a video session, an exhibition and a panel discussion to discuss possible ways to strengthen the industry academia collaboration in the area of robotics and artificial intelligence.

Track Topics:

All articles will undergo a rigorous review process. Accepted papers will be published in the conference proceedings. Extended version of selected papers will be recommended for publication in special issue of "International Journal of Robotics and Automation" about Industry Academic Collaboration in Robotics and Artificial Intelligence. Topics include but are not limited to:

- Industrial Automation
- Automotive Mechatronics
- Visual Servoing Systems
- Service Robotics
- Unmanned Ground, Surface, Underwater and Aerial Vehicles
- Multi-Robot Systems and Robot Networks
- Micro and Nano-Robotics
- Medical an Bio-Robotics
- Intelligent Transportation Systems

- Home Automation
- Machine Learning
- Image Processing and Machine Vision
- Biometrics Systems
- Soft-computing Techniques
- Classical and Metaheuristic Optimization
- Applications and case studies: Process control, automotive industry, consumer electronics, smart grids, renewable energy, humanitarian demining, etc.

Paper Submission:

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

Workshop Submission:

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 for 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:

Track chair: Dr. Alaa Khamis
R&D Department at Vestec, Inc., Canada

Dr. Tamer M. Nassef
Misr University for Science and Technology, Egypt.

ELsayed Ibrahim Imam Morgan
Head of Mechatronics Engineering Department, German University in Cairo (GUC), Egypt.
Hisham El-Sherif
Head of Industrial Automation Department, German University in Cairo (GUC), Egypt.
Hossam Faheem
Head of Computer Systems Department, Faculty of Computer and Information Science, Ain Shams University.
Ahmad Taher Azar
Benha University, Egypt.
Mohammed A.-M.Salem
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Ahmed Wagdy
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Ahmed Abdulbakey
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Omar Mahmoud
Isteshaar, Egypt.
Waleed Ashraf
Siemens Egypt.
Ahmed Zahran
Schneider, Egypt.
Marwa El-Diwiny
Marques Aviation.
Marwa Soudi
IdeasGym, Egypt.

Important Dates

- Call for Papers: October 25, 2014
- Full Paper Submission deadline: February 2, 2015
- Video Session Submission deadline:February 2, 2015
- Author notification: March 2, 2015
- Final manuscripts due: March 19, 2015

Track Contacts

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- Info@iacconf.com

Academic Track Partner

IEEE

EGYPT CHAPTER

IEEE Computational Intelligence Society
Sub-Committee on Continuing Education