



ورشة عمل لبرنامج دعم التعاون بين الشركات والجهات البحثية (ITAC)

"المشروعات الممولة في مجال تقنيات اللغة العربية"

بالتعاون مع مركز تنقيب البيانات ونمذجة الحاسب (DMCM)

الخميس ٢٣ أكتوبر ٢٠١٤ - كلية الحاسبات والمعلومات بجامعة القاهرة

قاعة السمينار



للتميز صناعة تكنولوجيا
المعلومات في مصر



برنامج دعم التعاون بين
الشركات والجهات البحثية
Information Technology
Academia Collaboration



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الأجندة

١٠:٠٠ - ٩:٣٠	تسجيل الحضور	
١٠:١٥ - ١٠:٠٠	ترحيب بالحاضرين: كلمة عميد كلية الحاسبات والمعلومات - كلمة هيئة تنمية صناعة تكنولوجيا المعلومات - كلمة مركز DMCM	
١١:٥٥ - ١٠:١٥	الجلسة الأولى	
الشركة	الباحث الرئيسي - الجامعة	المشروع
Link Development	د. أحمد رافع - الجامعة الأمريكية	Sentiment Analysis and Opinion Mining of the Arabic Web
	د. أمير عطية - جامعة القاهرة	Social Media Analytics
RDI	د. محسن رشوان - جامعة القاهرة	Virtual Tutor
BlueCom	د. محمد شعلان - جامعة عين شمس	AI-Rawy: Kids' Story Teller E-Reader
Coltec	د. محمد عابدين - جامعة عين شمس	Arabic Search Engine
١٢:١٠ - ١١:٥٥	استراحة	
١٢:١٠ - ١:٥٠	الجلسة الثانية	
الشركة	الباحث الرئيسي - الجامعة	المشروع
BCH	د. نجوى بدر - جامعة عين شمس	Arabic Sign Language Translator
Gama Technology	د. خالد مصطفى - جامعة القاهرة	Online Handwriting Arabic Character Recognition
RDI	د. محسن رشوان - جامعة القاهرة	A Product for Arabic Optical Character Recognition
	د. أشرف حسين - جامعة عين شمس	Originality Analyzer for Arabic Text
Taya IT	د. علي فهمي - جامعة القاهرة	Large Vocabulary Arabic Handwriting Recognition System
٢:٠٠ - ١:٥٠	كلمة ختامية: ا.د. علي فهمي - د. إسلام عشرة	

Information Technology Academia Collaboration (ITAC)

ITAC Program Mission

To bring value to Egyptian ICT Industry by fostering collaboration between industry and academia aiming at developing R&D based innovative products and services that put Egyptian ICT companies in a leading position in the ICT market, both locally and internationally.

ITAC Projects

- The ITAC Program funds three categories of **Collaborative Funded Projects (CFPs)**: Product Development Projects (PDP), Advanced Research Projects (ARP) and Preliminary Research Projects (PRP). Applicants can submit full proposals within the submission windows or pre-ARP and pre-PDP proposals followed by the full proposal in a subsequent round.
- The ITAC Program supports two **University Student Projects (USPs)**: Graduation Projects and Summer Internships.

ITAC Areas

- **Strategic Areas**: Wireless and Cyber Security, Electronic Design for ICT Applications, ICT for Homeland Security, ICT for Transportation, ICT for Health, ICT for Agriculture, ICT for the Disabled, ICT for Education, ICT for Energy.
- **Technology-Trend Areas**: Mobile Applications and Computing, Cloud Computing, Contextual, Social and Business Analytics, Internet of Things, Ubiquitous Computing, Gamification, Big Data, Cognitive Computing.
- **Demand-Driven Areas**: Improvement in Egyptian Tablet Design, Commodity Storage and Distribution Monitoring.

For more information about ITAC program, its activities and the latest news, please visit ITAC page on ITIDA's website:

<http://www.itida.gov.eg/En/OurPrograms/ResearchInnovation/ITAcademiaCollaboration>

Data Mining and Computer Modeling Center (DMCM)

The Center for Data Mining and Computer Modeling **DMCM** is concerned with promoting the utilization of such methodologies and helping the industrial and academic institutions in Egypt to maximize their analytical, experimental and developmental powers by developing R&D processes based on the integration of Computer System Modeling and Data Mining. By initiative and support of the Ministry of Communication and Information Technology, the center started on 2007 as a consortium planned and created based on public-private, academic-industrial, and national-international partnerships. It included the lead investigators and researchers from [Cairo University](#), [IBM Egypt](#), [American University in Cairo](#), [Alexandria University](#), [RDI Egypt](#).

The Center for Data Mining and Computer Modeling was funded by the [Information Technology Industry Development Agency \(ITIDA\)](#) through the Centers of Excellence Program.

The [Faculty of Computers and Information, Cairo University \(FCI-CU\)](#) is the lead institution of the consortium, hosting the combined meetings and shared facilities of the center.

Starting from 2011 the center became affiliated to FCI-CU

Tracks and Research Areas

The DMCM focuses on Data and Text Mining with emphasis on Machine Learning Techniques.

The DMCM currently consists of three tracks:

- 1- Cross-Industry Data Mining Track
- 2- Text Mining Track
- 3- Outliers and Visualization Track

For more information about DMCM Center of Excellent, its activities and the latest news, please visit DMCM website:

<http://dmcm.cu.edu.eg>