



2019 ArabWIC

Conference Program

Join the largest Celebration of Women in Technology Conference in the Arab World and Celebrate Women on International Women Day!

Please note that the Conference is held from March 7th to March 9th and the main *opening* is on March 8th (on Day 2)!

Venue Address: Ecole Mohammadia D'ingénieurs, Mohammed V University of Rabat

المدرسة المحمدية للمهندسين جامعة محمد الخامس الرباط

Avenue Ibn Sina B.P 765, Agdal Rabat 10090 Maroc

Phone: (+212) 537 68 71 50

Email: contact@emi.ac.ma

<https://www.emi.ac.ma/>

[Location on map](#)



6TH ANNUAL INTERNATIONAL

ARAB WOMEN IN COMPUTING AND TECHNOLOGY CONFERENCE

ArabWIC 2019

A celebration of Women in Technology: academics, students, professionals, and entrepreneurs.

The largest conference on Women in Technology in the Arab World.

MARCH 7TH – 9TH 2019
ECOLE MOHAMMADIA D'INGENIEURS (EMI) RABAT, MOROCCO



Contact : ArabWICConference@gmail.com

Key Map

Research Session
Industry Session
Career & Leadership Session
Tutorial
Entrepreneurship Session

We welcome you all to Ecole Mohammadia d'ingénieurs - Please be aware there will be updates to the agenda during the conference due to unforeseen circumstances.

Wednesday March 6, 2019	
6th Arab Women In Computing International Conference Ecole Mohammadia d'ingénieurs, Mohammed V University of Rabat Rabat, Morocco	
5:30-7:30pm	Reception, Networking and On-Site Registration at EMI

Thursday March 7, 2019	
6th Arab Women In Computing International Conference Ecole Mohammadia d'ingénieurs, Mohammed V University of Rabat Rabat, Morocco	
8:15-9:00	Networking and On-Site Registration at EMI
<i>Room</i>	<i>All conference Keynotes, and Panels sessions will be held at "Salle Polyvalente"</i>
9:00-9:15	Opening Session <ul style="list-style-type: none"> ● Welcome and introduction by Pr. Dalila Chiadmi & Dr. Kaoutar El Maghraoui, co-Chairs of ArabWIC 2019 Conference ● Opening address by Prof. Sana Odeh, Founder of ArabWIC and its conference, Honorary chair of ArabWIC 2019; NYU
9:15- 10h05	Session 1- Research Keynotes <ul style="list-style-type: none"> ● HCI Research and Practice in the MENA Region, Dr Areej Al-Wabil, Principal Investigator at the Center for Complex Engineering at KACST and MIT ● Challenges of Complex Systems' Integration, Dr Rachida Dssouli, Full Professor and the Founding Director of the Concordia Institute for Information Systems Engineering (CIISE), Concordia University Session Chair: Pr. Laila Benhlima, Full Prof., EMI
10:05- 11:00	Entrepreneurship Panel : The Technical Entrepreneurial Ecosystem; Moderator : Mr. Khalid Macchat, Serial Techpreneur, CEO and Founder SOS Santé in healthcare <ul style="list-style-type: none"> ● Mr. Youssef Elalaoui, Vice-President of APEBI // association of IT professionals in Morocco ● Ms Samia El Hanchi, Engineering Women Alumni CFIE ● Pr. Awatif Hayar, Hassan II University, Casablanca ● Ms Ilham Kerdoudi, CEO Maroc Numeric Cluster ● Ms. Ikram Mansori, CEO of Curah, Inc and President of Global Women Innovate ● Pr. Ounsa Roudiès, MIPS President
11:00- 11:25	Coffee Break & Networking & Poster set up

11:25- 11:45	Session 3 - Industry keynote ; Dr. Hind Kabaili, Secretary General of AUSIM Session Chair: Pr. Laila Benhlima, Full Prof., EMI				
11:45-12:45	Session 4 - How Did We Get Here? A discussion panel on leadership and careers in industry. Moderator: Eileen Scully, Founder Rising Tides, USA <ul style="list-style-type: none"> • Dr. Amany AlShawi, Chair, KACST Women’s Program, KSA, Saudi Arabia • Ms. Mariama Boumanjal, Solutions Consultant, Google, UK • Ms. Sabine Holl, IBM Director Cloud Technical Sales and Solutioning MEA, UAE • Ms. Rajaa Khouimi, Bank Al Youstr, Morocco • Ms. Sarah Hanna, Engineer at Facebook, USA • Dr. Bouchra Bouqata, Senior Machine Learning & AI Program Manager, Amazon Robotics Research, USA 				
12:45- 2:00	Lunch & Mentoring				
<i>Rooms</i>	Library 1	Library 2	Civil Engineering	CS Engineering 2	CS Engineering 1
2:00- 4:00	<u>Research Session 1</u> Services oriented applications	<u>Industry Session 1</u> AI & IoT	<u>Entrepreneurship & Careers Session 1</u> Technology, Startups & Diverse Workforce	<u>Technology Tutorial 1</u> Dev-Ops	<u>Technology Tutorial 2</u> TensorFlow
4:00- 4:20	PM Coffee Break				
4:20- 5:30	<u>Research Session 2</u> Community Based Applications	<u>Industry Session 2</u> AI & Data	<u>Career & Leadership Session 2</u> Experiences & education programs	<u>Technology Tutorial 3</u> Data Driven Design Thinking with Visual CVs	<u>Technology Tutorial 4</u> chatbots
5:30 - 6:30	Posters Session, Networking and Group Photo				

Friday March 8, 2019	
6th Arab Women In Computing International Conference Ecole Mohammadia d'ingénieurs, Mohammed V University of Rabat	
8:30-9:00	Registration, Networking, Poster Set Up
<i>Room</i>	<i>Salle Polyvalente</i>
9:00- 10:30	Opening Session Many Distinguished Guests and Speakers
10:30- 10:45	Session 1: Featured Keynotes <ul style="list-style-type: none"> ● Mr Philip Mikos, Head of the Cooperation Department, EU Embassy to Morocco <p style="text-align: right;">Session Chair: Susan Malaika, Senior Technical Staff Member, IBM, USA</p>
10:45- 11:05	Coffee Break
11:05- 11:50	Session 2: Featured Keynotes <ul style="list-style-type: none"> ● <i>Preliminary Research findings on Arab Women in Computing: Representation, Challenges and Opportunities</i> Prof. Sana Odeh, Founder of ArabWIC and its Conference, Conference Honorary Chair, Clinical Professor of Computer Science at New York University (NYU), USA and UAE ● Dr Brenda Darden Wilkerson, AnitaBorg President & CEO ● George Awad, Communication & Information Officer at UNESCO

	Session Chair: Susan Malaika, Senior Technical Staff Member, IBM, USA				
11:50-12:50	Session 3: Featured Technical Research Keynotes (Latest Research Innovations) <ul style="list-style-type: none"> Groundbreaking Discoveries in the Sub-Atomic World, Dr Latifa Elouadrhiri Senior Staff Scientist, Jefferson Lab, USA Engineering Artificial Intelligence for the Future, Dr. Kaoutar El Maghraoui, ArabWIC Chair and Conference co-Chair, Senior Research Scientist, IBM T.J Watson Research Lab, USA Building a Big Linguistic Data Graph for Arabic Natural Language Processing, Dr. Mustafa Jarrar, Associate Professor of Computer Science at Birzeit University, Palestine <p style="text-align: right;">Session Chair: Dr. Zohra Bakkoury, Professor, EMI</p>				
12:50-1:20	Session 4: Featured Industry and Entrepreneur Keynotes <ul style="list-style-type: none"> Positive effects of electronic Payment on the Moroccan Economy, Ms Samira Gouroum, Director of Multichannel Payment and Partnership, Centre Monétique Interbancaire Journey of a women entrepreneur in the Tech field!, Ms Houda Chakiri, CEO Enhanced Technologies <p style="text-align: right;">Session Chair: Dr. Bouchra Bouqata, Senior Research Scientist and Product Manager, Amazon</p>				
1:20-2:45	Lunch, Mentoring & Poster Viewing after eating				
Rooms	Library 1	Library 2	Civil Engineering	CS Engineering 1	CS Engineering 2
2:45- 4:15	<u>Research</u> <u>Session 3</u> Software Engineering	<u>Research</u> <u>Session 4</u> Artificial Intelligence	<u>Industry</u> <u>Session 3</u> Machine Learning & More	<u>Career & Leadership</u> <u>Session 3</u> Experiences & education programs	<u>Tutorial 5 :</u> User Centered Design
4:15- 4:35	Coffee Break				
4:35- 4:55	Session 5: Featured Research Keynote: <ul style="list-style-type: none"> Cyber Security Research: Status, Opportunities and Challenges, Dr Hoda Alkhzaimi, Professor & Engineering Director, Center of Cyber Security, New York University Abu Dhabi, UAE <p style="text-align: right;">Session Chair: Stephanie Cleijpool, Marketing Manager Developers, IBM</p>				

<p>4:55- 5:55</p>	<p>Plenary- ArabWIC Chapters showcase // This session will highlight all the ArabWIC chapters achievements and success stories. Session Chair: Dr. Manar Abu Talib, Professor at University of Sharjah, UAE</p>
<p>5:55-6:45</p>	<ul style="list-style-type: none"> - Reception featuring ArabWIC chapters technology showcase from around the Arab world - Posters Session, and Networking
<p>8:30- 11:30</p>	<p>Gala Dinner In Kabbaj Palace <i>//(Dress to impress:) Traditional clothing from your own country is recommended</i> // Awards Ceremony (Best company supporting women in tech in the Arab world, Best ArabWIC chapter award, Best research paper, Best research poster, Best program teaching girls computational thinking, etc.)</p>

Saturday March 9, 2019

**6th Arab Women In Computing International Conference
Ecole Mohammadia d'ingénieurs, Mohammed V University of Rabat**

8:00-9:00	Registration, Networking, Poster and WiDS Video Viewing				
<i>Room</i>	<i>Salle Polyvalente</i>				
9:00-9:15	WiDS opening Session				
	<ul style="list-style-type: none"> • Dr. Lamia Benhiba, Ambassador of WiDS Rabat and Assistant Professor at ENSIAS • Susan Malaika, Senior Technical Staff Member, IBM, USA 				
9:15-10:45	WiDS Keynotes ;				
	<ul style="list-style-type: none"> • AI Engineering: Foundations to Operationalize and Scale AI, Dr. Kaoutar El Maghraoui, ArabWIC Chair and Conference co-Chair Senior Research Scientist, IBM T.J. Watson Research Center, (USA and Morocco) • Space Weather and High Tech Life, Dr. Zahra Bouya, Space Weather Scientist, Australian Bureau of Meteorology • Renewable Energy: Wind Power and Big Data, Dr. Bouchra Bouqata, Senior Data Scientist, Amazon <p align="right">Session Chair: Dr. Houda Benbrahim, Professor at ENSIAS, Morocco</p>				
10:45-11:00	Coffee Break & Networking				
Rooms	Library 1	CS Engineering 1	Library 2	CS Engineering 2	CS Engineering 3
11:00- 1:00	<u>Tutorial</u> Big Data & Devops	<u>Hands-on</u> Data Science 101: Social Media Text Mining	<u>Tutorial</u> Virtual Reality	<u>Ecosystems & Cyber Security Potpourri</u>	<u>Github introduction & call for code hackathon orientation : Get Started NOW</u>
1:00 -1:15	<ul style="list-style-type: none"> • Closing WiDs • Closing session by Dr. Kaoutar El Maghraoui and Dr. Dalila Chiadmi, co-Chairs of ArabWIC 2019 				
1:15 -2:00	Lunch // participants of ArabWIC 2019 conference only				
2:00-5:00	- Tour Rabat // Registration is required before Thursday 4:00 pm				

Industry Session 1: Artificial Intelligence and IoT

Time	Chair & Title
Room	Library 2
7, March	Session Chairs: Eileen Scully & Dana Abu Ali
2:00-2:30	Lightning Talks (5 mins each) <ul style="list-style-type: none"> - Student Portal, Sondos Sarraj, Dr. Samer Zain, Abdullah Jarrar and Waseem Awashrah (#10) - Machine Learning & Common Voice, Ayah Soufan (#15) - Online Data Ethics, Aseel Addawood (#38) - Digital Footprints, Ruba Awayes (#41) - Privacy on the Internet, Yamama Shakaa, Mozilla, Palestine (#28)
2:30-3:00	Talks <ul style="list-style-type: none"> - Machine Learning on Graphs, Ghadeer Abuoda and Aisha Mohamed (#183) - Immersive Realities for the Web, Yamama Shakaa (#23)
3:00-3:30	<ul style="list-style-type: none"> - Bioinformatics :Overcoming Big Data Challenges in Omics, Dr. Lamyia Alomair
3:30-3:45	Lightning Talks (5 mins each)
3:45-4:00	<ul style="list-style-type: none"> - Gamified historical tour guide - Mishwari, Mamoun Nawahdah, Maryam Shaheen, Jihad Badran (#89) - Farjine, Rebecca Sayej, Sanaa Bader, Nourhan Abu Sharbak and Eman Ghazawneh (#94) - Finding Jobs, Saja Adem, Waad Othman, Birzeit University, Palestine (#122)

Industry Session 2: Artificial Intelligence and Data

Time	Title
Room	Library 2
March 7	Session Chair: Dr. Hind Lamharhar
4:20-4:30	- The AI universe speaks Python-Lessons learned from a Coursera Instructor, R. Kienzler, IBM, Switzerland (#95)
4:30-5:00	- Power your apps with Watson, H. Boef, IBM, Netherlands (#4)
5:00-5:30	- Build smart Apps fast and easy! Smart Coffee maker, H. Boef, IBM, Netherlands (#5)

Industry Session 3: Machine Learning & More

Time	Title
Room	Civil Engineering
March 8	Session Chair: Dr Ouafaa Diouri
2:45-3:15	- GOOG: Google Safe Browsing, B. Salmi El Idrissi, Senior Product Quality Strategist, Morocco
3:15-3:45	- GOOG: Build and Update Machine Learning models on IoT Devices: learning from the field, A. Sghiouar, Software Engineer, Google, Morocco
3:45-4:15	- GOOG: Machine Learning and Auto Complete, H. Abasi, Software Engineer, Google

Research Session 1: Service-oriented applications

Time	Title
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Room	Library 1
March 7 2:00-4:00	<p>Chair: Dr Ounsa Roudiès & Dr Houda Benbrahim</p> <ul style="list-style-type: none"> - Passage challenges from data-intensive system to knowledge-intensive system related to process mining field, Zineb Lamghari, Maryam Radgui, Rajaa Saidi and Moulay Driss Rahmani(#25) - Building a Process Meta Model Extended for Cycles, Ikram Akkiyat and Nissrine Souissi (#105) - Towards a new generation of farming system: web services based online sales, Hajar Elmaghraoui, Laila Benhlima and Dalila Chiadmi (#32) - Introducing an Artifact-driven language for Service Composition, Willy Kengne Kungne, Georges-Edouard Kouamou and Claude Tangha (#53) - Open Government Data: Towards a comparison of Data Lifecycle models, Hanae Elmekki, Dalila Chiadmi and Hind Lamharhar (#78) - Inter Blockchain Communication: A Survey, Ilham Qasse, Manar Abu Talib and Qassim Nasir (#24) - Query Expansion Using DBpedia and WordNet, Sarah Dahir, Abderrahim El Qadi and Hamid Khalifi (#108)

Research Session 2: community-based applications

Time	Title
Room	Library 1
March 7 4:20-5:30	<p>Session Chairs: Dr Asmae Retbi & Dr Bouchaib Bounabat</p> <ul style="list-style-type: none"> - A personalized e-Gov framework to bridge silos between administrations, I. Zaoui, H. Lamharhar, D. Chiadmi & L. Benhlima (#106) - A new local algorithm for overlapping community detection based on clustering coefficient and common neighbour similarity, K. Asmi, D. Lotfi & M. El Marraki (#49) - Investigating algorithmic variations of an RS Graph-based collaborative filtering approach, S. Bourhim, L. Benhiba & M. Abdou Janati Idrissi (#73) - User Centric Community Structure for Intelligent Transport Network applications, W. Oubaalla, L. Benhlima & I. Zaoui (#80)

Research Session 3: Software Engineering & Artificial Intelligence

Time	Title
Room	Library 1
March 8 2:45-4:15	Session Chairs: Dr. Slimane Bah & Dr. Hanane Bekkali <ul style="list-style-type: none">- Decision Support Systems success: The intertwining of satisfaction and learning, Khaoula Boukhayma, Lamia Ben Hiba and Abdellah El Manouar (#58)- Moroccan Patient-centered Hospital Information System: Global Architecture, H. Fakhkhafri, B. Bounabat, M. Bennani & R. Bekkali (#63)- Long-Term Digital Preservation: A Preliminary Study on Software and Format Obsolescence, Bouchra El Idrissi (#75)- #20 Exploratory Study on Estimating the Cost of an Open Source Platform for an Astronomy Center, Manar Abu Talib, Nafisa Ahmed, Balsam Alkouz and Abdullah Abdulkarim (#20)- Firmware Update Attacks and Security for IoT Devices: Survey, Meriem Bettayeb, Qassim Nasir and Manar Abu Talib (#27)- Big Data and Cloud Computing: A systematic mapping study, Rima Grati, Khoulood Boukadi and Chirine Ghedira (#17)

Research Session 4: Software Engineering & Artificial Intelligence

Time	Title
Room	Library 2

<p>8, March 2:45 - 4:15</p>	<p>Session Chair: Dr. Mohsine Eleuldj & Dr. Zohra Bakkoury</p> <ul style="list-style-type: none"> - Sentiment Analysis on Multilingual and Code-Switching Moroccan Facebook Comments, Basma Essatouti, Soumia Ezzahid, Rachid Oulad Haj Thami and Rdouan Faizi (#107) - Deep Learning for Sentiment Analysis of Arabic Text, Ayah Soufan (#120) - TONE: A Method for Terminological Ontology Evaluation, Mona Demaidi and Mohamed Medhat Gaber (#77) - Behavio2Auth: Sensor-based Behavior Biometric Authentication for Smartphones, Hebatollah Mostafa, Mohammad El-Ramly, Abeer Mohamed Elkorany and Hassan Shaban (#64) - Towards a Three Layer Architecture for Dynamic Spectrum Access in Cognitive Radio Networks, Asma Amraoui and Badr Benmammar (#35)
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Entrepreneurship, Leadership & Career Session 1: Technology, Startups & Diverse Workforce

Time	Title
Room	Civil Engineering
<p>7, March 2:00-2:30</p>	<p>Session Chair: Myrna Fahim & Wissal Laassilia</p> <ul style="list-style-type: none"> - BORG: Technology and a Diverse Workforce, Rosario (Rose) Robinson , Anita Borg Institute, USA
<p>2:30-3:00</p>	<p>Lightning Talks (5 mins each)</p> <p>Session Chairs: Myrna Fahim & Wissal Laassilia</p> <ul style="list-style-type: none"> - Palestinian Code Academy, #43 Hadeel Musleh, Internet Society, Palestine (#43) - An Interactive Tour for Humanitarian Engagement, Lauren McMillen, NYUAD, UAE (#54) - The Importance of HR in IT Startups, Soumaya Zraidi, Kassel University, Germany (#175) - How your Startup will shape you?, Alaa Hammouda, QCRI (#182) - Introducing FikraTank, Ghadeer Ghosheh, NYUAD, UAE (#178) - JobsTube service, Darin Jojas, Birzeit University, Palestine(#66)
<p>3:00-3:30</p>	<ul style="list-style-type: none"> - How Women Can Succeed in a World Built Without Them, Eileen Scully, The Rising Tides, USA (#11)
<p>3:30-4:00</p>	<ul style="list-style-type: none"> - Facebook Infrastructure at Scale, Sarah Hanna, Facebook, USA

Entrepreneurship, Leadership & Career Session 2: Technology, Startups & Diverse Workforce

Time	Title
Room	Civil Engineering
7, March 4:20-4:45	<p>Session Chairs: Myrna Fahim & Taida Buljina-Prohic</p> <p>Lightning Talks (5 mins each)</p> <ul style="list-style-type: none"> - Challenge accepted: How to make girls excited about IT, Stephanie Cleijpool, IBM, Netherlands (#8) - Teaching programming for school students, Yamama Shakaa, Mozilla, Palestine (#29) - Experiences of Women in tech in Mauritania, Aminetou Mouhamed Elmoustapha, Women Techmakers, Mauritania (#48) - Discovering the Role of the Project Owner Assistant POA, Ibtihaj Al Zahdi (#177) <p>Talks</p>
4:45-5:05	<ul style="list-style-type: none"> - Do you own your career? Take control and grow professionally, Stephanie Cleijpool, IBM, Netherlands
5:05-5:30	<ul style="list-style-type: none"> - IBM Digital Nation Africa Program, Mohamed Benhouman, IBM, Morocco

CAREERS / LEADERSHIP/ ENTREPRENEURS: Experiences & education programs

Time	Title
Room	Civil Engineering
8, March 2:45-3:15 3:15-3:45	<p>Session Chair: Houda Chakiri</p> <ul style="list-style-type: none"> - Tackling Change during Life's "Moments of Truth" Using Engineering Thinking (A Case Study on Baby Boomers and Millennials), M. Arishi & D. Abu Ali, IBM, UAE (#35) - GOOG: Your Career at Google - Processes and Tips, A. Brik, Research Recruiter at Google
3:45-4:05	<p>Session Chairs: Eileen Scully & Stephanie Cleijpool</p> <p>Lightning Talks – 5 minutes each</p> <ul style="list-style-type: none"> - How to Start a Startup, Zeina Saadeddin, Palestine (#67)

	<ul style="list-style-type: none"> - My journey to success (is it success?), and lessons learned, Taida Buljina-Prohic (#121) - My Experiences in Tech, Salma Belemhani (#168) - My Journey in the Data Science Bootcamp in London, Sirine Taleb (#50)
4:05-4:20	<ul style="list-style-type: none"> - GOOG: GDG (Google Developer Community) and WTM (Women Techmakers) in Morocco - Activities, Houda Mouttalib, Asilah Prefecture, Morocco

Tutorial 1: Tensor Flow

Time	Title
Room	CS Engineering 1
7, March 2:00-3:30	<p>Tutorial Chair: Taida Buljina-Prohic</p> <ul style="list-style-type: none"> - Deep Learning for Developers - Introduction to Deep Learning with Keras and TensorFlow (no break will be taken), R. Kienzler, Switzerland, IBM (#98)

Tutorial 2: Dev-ops

Time	Title
Room	CS Engineering 2
7, March 2:00-3:30	<p>Tutorial Chair: Fatima Zohra Belouadha</p> <ul style="list-style-type: none"> - Dev-Ops and Software life cycle management Using AWS educate program online infrastructure (no break will be taken), Z. Saadeddin, Trainer for AWS (#61)

Tutorial 3: Design Thinking for CVs

Time	Title
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Room	CS Engineering 2
7, March 4:20-5:30	Tutorial Chair: Dr Hasnae Rahimi - Data Driven Design Thinking with Visual CVs, Wafaa Waheeda Sye & N. Fatima, QCRI (#181)

Tutorial 4: Chatbot

Time	Title
Room	CS Engineering 1
7, March 4:20-5:05	Tutorial Chair: Dana Abu Ali - Create a chatbot in 45 mins, Y. Berrada & W. Laassilia, IBM (#56)

Tutorial 5: User-Centered Design

Time	Title
Room	CS Engineering 2
8, March 2:45-4:15	Tutorial Chair: Taida Buljina-Prohic - User-Centered Design: Designing for a Better User Experience, H. El Mimouni, Drexel University, US (#111)

Tutorial Big Data & DevOps

Time	Title
Room	Library 1
9, March 11:00-12:30	Session Chair: Dr Hasnae Rahimi - 11:00-noon Big Data Architecture: concepts and patterns, S. Ferjaoui, Eura Nova, Tunisia (#36) - noon- 12:15pm Unlock Data Power using a DevOps approach, F. Al Jounaidi, Atos, France (#172)

Ecosystems and Cyber Security Potpourri

Time	Title
Room	CS Engineering 2
9, March	Session Chair: Dr Hanane Lhannaoui
11:00-11:30	- GOOG: Working in the app ecosystem, M. Boumanjal, Google, UK
11:30-12:00	- Artificial Intelligence in motion, S. Jnini, Atos, France (#109)
12:00-1:00	- HODA: Building Better Analytics for Cyber Security, Dr Hoda Alkhzaimi, Professor & Engineering Director, Center of Cyber Security, New York University Abu Dhabi, UAE

Social Data Analytics Session

Time	Title
9, March	Session Chair : Ms Zoubida Alaoui Mdaghri
11:00-12:45	- Data Science 101: Social Media Text Mining, A. Addawood, University of Illinois Urbana-Champaign, US (#39)

Virtual Reality Session

Time	Title
9, March	Session Chair: Hind Lamharhar
11:00-1:00	- WebVR and Aframe, Yamama. Shakaa, Mozilla , Palestine (#30)

Github introduction & call for code hackathon orientation

Time	Title
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9, March
11:00-1:00

Session Chair: Myrna Fahim

- Github introduction & call for code hackathon orientation : Get Started NOW
- Maybellin Bourgos, Rosario (Rose) Robinson (Anita Borg)
- Stephanie Cleijpool, Wissal Laassilia, Susan Malaika (IBM)

Research Poster Session

Ant Lion Optimization algorithm for kidney exchanges, Sara El-Metwally (#14)
ElectroDermal Activity for Affective Computing Explorations: Towards the development of user-centric well-Being Solutions, Raja Ghozi, Neska Elhaouij and Meriem Jaidane (#26)
3-Dimensional Vessel segmentation in CT angiography images using CNN, Nagat Masued (#42)
Context-aware Dynamic Designs for Energy Efficient Mobile Sensing, Sirine Taleb (#51)
An Investigation of Heuristic Methods for Wind Farm Layout Optimisation Problem, Areeg Elnahas and Hiba Abdulbasit (#57)
Vehicle Over Speed Detection System, Sara Hammad, Eithar Yassin and Mustafa Nawari (#83)
Derivation of a Precise Android API Protection Mapping, Yousra Aafer (#87)
Smart Student Tracking System - deployed with ML, Jamal Zaid Alkelani and Yahya Khamysha (#91)
Authorship Attribution in Arabic poetry, Sara Mahmoud and Razan Balatiah (#92)

A study on Human locomotor activity recognition using wearable sensors, Amna Abdallah (#102)
Trends and Patterns of IP Creation in a Crowdsourcing Platform for Time-Bound Events, Hailah Alqaffary, Taghreed Alkhamash, Maha Nasrallah, Amal Alrobayea and Areej Al-Wabil (#127)
PALstoreis: A Mobile app for Forgotten Places, Nagham Jawabra (#128)
A Comparative Study of MFCC and LPCC Features for Speech Activity Detection Using Deep Belief Network, Olla Eltiraifi, Eithar Elbasheer and Mustafa Nawari (#129)
Towards Intelligent Systems for Removing Cloud Cover from Satellite Imagery, Maryam Alshanqiti, Reem Alshammari and Areej Al-Wabil (#133)
Using Brain-Computer Interfaces in Observational Studies of Simulation-Based STEM Learning, Hadeel Al-Omrani, Nouf Alsharif, Najwa Alghamdi and Areej Al-Wabil (#136)
Optimised Metasurfaces Waveguide Coupler, Eman Maali (#141)

ArabWIC Conference Leadership Committee

ArabWIC Founder, President of the board, and Honorary chair

Sana Odeh, Founder of ArabWIC and its conference, Founder of ArabWIC and its conference, Conference Honorary Chair, Clinical Professor of Computer Science, and Faculty Liaison for Global Programs of Computer Science, Courant Institute of Mathematical Science, New York University, New York

General chairs

Dr. Kaoutar El Maghraoui, ArabWIC Chair and Conference co-Chair , Senior Research Scientist, T.J. Watson Research Center, IBM, Yorktown Heights, New York

Pr Dalila Chiadmi, Professor of Computer Science and Head of SIP Research Team, Ecole Mohammadia d'Ingénieurs, Mohammed V University of Rabat, Morocco

Co-chairs

Dr. Manar Abu Taleb, Professor at University of Sharjah, UAE.

Dr Nariman Ammar, Assistant Professor in the Department Of Computer Science, Birzeit University, Palestine

Dr Laila Benhlila, full professor, Ecole Mohammadia d'Ingénieurs, Mohammed V university of Rabat, Morocco

Dr Lamia Benhiba, Assistant Professor at ENSIAS, Morocco

Abir Chermiti, Software Engineer, Tunisia.

Houda Chakiri, Founder, CEO - ENHANCED TECHNOLOGIES, Morocco.

Wissal Farsal, Software and IoT engineer, PhD candidate in deep learning, Morocco

Diane Jordan, Mentor at ArabWIC. Previous: IBM, Harvard Business School

Artemisa Jaramillo, Programme Director of Marketing, Innovation and Technology at Princess Nora Bint Abdulrahman University, Saudi Arabia
Susan Malaika, Senior Technical Staff Member, IBM, USA
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Dr Ounsa Roudiès, Full Professor at the Ecole Mohammadia d'Ingénieurs, Mohammed V University Rabat, Morocco
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Nasser Assem, Al Akhawayn University, Morocco
Areej Al-Wabil, Center for Complex Engineering Systems (CCES) at KACST and MIT King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia
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