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AMU: African Math. Union



جامعة أكتوبر
October 6 University

Program of

8th International Conference on Mathematics and Information Sciences

And

5th Conference of the Faculty of Education 6th of October University

6 October University, Giza ,Egypt

<http://confs.naturalspublishing.com/icmis2019/>



❖ **Conference Program**

❖ *8 Feb. 2019 social program, visiting Giza Pyramids and Egyptian Museum*

9 Feb. 2019 VIP Hall	
08:00—09:00	Registration
09:00—10:00	<p style="text-align: center;">Opening Ceremony</p> <p>Prof. Salah Khider, Vice-Chairman of the conference Prof. Mahmoud Abdel-Aty, Chairman of the conference Prof. Ali Talat 6th October University's Acting President Prof. Mahmoud Saqr, President of Egyptian Academy of Science Prof. Amr Ezat Salama, President of Association of Arab Universities Prof. Ahmed Zaki Badr, ex-Minister of Education, President of Board of Trustees of 6th October University</p>
10:00—11:00	<p>Recognitions of Mathematicians and Public Figures (Prof. A. Obada & Prof. Mostafa Rajab)</p> <p>Prof. Mahmoud Gaber General Hesham El-Halaby Prof. Osama Abo-Rawash General Shawqe Salah Prof. Sayed Mahsoub</p>
11:00—11:10	Break
Chairmen Prof. M. Abdel-Aty & Prof. Salah Obbaya	
11:10—11:30	Prof. Essam Sharaf: ex-Prime minister of Egypt, Renaissances and Africa
11:30—11:45	Prof. Eslam Abo-Elmajed: Consultant of the Higher Education Minister
11:45—12:00	Prof. Nouzha Al-Yqubi, President of African Mathematical Union
12:00 ~ 12:30	Coffee Break
Chairmen: Prof. A.-S. Obada & Prof. Ahmed El-Sayed & Prof. Haron Barakat	
12:30 ~ 12:50	<p>Prof. Adem Kilicman, Department of Mathematics and Institute for Mathematical Research University Putra, Malaysia</p> <p>“Fractional derivatives of some hypergeometric functions and their applications”</p>



١٢:55 ~ 1٣:15	Prof. Swapan Mandal , Department of Physics, Visva-Bharati, Santiniketan, INDIA “Nonclassical properties of thermal and coherent radiation field coupled to the m-photon driven anharmonic oscillator”		
١٣:20 ~ 1٣:40	Prof. Daouda Sangare , Nangui Abrogoua University of Abidjan, Ivory Coast “On recent extensions of some results of the Asymptotic Theory of Ideals to the general theory of filtrations on modules”		
١٣:45 ~ ١٤:00	Prof. Nasser Sweilam , Cairo University, Faculty of Science, Mathematics Department, Giza, 12613, Egypt. “Optimal Control for a Fractional Tuberculosis Infection Model Including the Impact of Diabetes and Resistant Strains”		
14:00 ~ 14:15	Coffee Break		
14:15 ~ 16:00	ورشة عمل أسرار النشر العلمي Prof. Mostafa Rajab, Prof. Mahmoud Abdel-Aty & Prof. Aboul Ella Hassanien & Prof. Khaled Gamal & Prof. Gamal El-Dahshan & Prof. Abdel-Shafy F. Obada		
١٦:٣٠ ~ 17:00	Lunch Break		
2018 Hall First Day (9 Feb. 2019)			
Talent Management Session at 2018 Hall			
رأسه الجلسة : أ.د. صلاح خضر & أ.د. سحر خليل & أ.د. أماني حنفي & أ.د. خالد عمران			
١٢:3٠ ~ 12:45	1721	ديوان وابورات البوستة الخديوية دراسة تاريخية أرشيفية وثائقية للسجلات العربية في الفترة التاريخية (١٢٨٧-١٨٧١/٥١٣١٦ - ١٨٩٨م)	د.محمد مسعود سالم
١٢:45 ~ 1٣:00	1734	Decolorization of Textile Dyes by an Immobilized Laccase Produced from Local Isolate of Pseudomonas aeruginosa SR3 Using Packed Bed-Reactor	د. سحر حسين
1٣:00~ 1٣:15	1737	اعجاز قرآني : القرآن الكريم كتب بأربعة عشر حرفاً فقط هي الحروف المقطعة (فواتح السور)	د. عبدالرحيم خلف عبدالرحيم بخيت
1٣:15~ 1٣:30	1760	التمكين الإداري للقيادات التربوية برياض الأطفال وعلاقته بممارسة عمليات إدارة المعرفة	د. إيناس سعيد عبد الحميد الشتيحي



13:30~ 13:45	1943	The impact of structural adjustment programs on economic growth in Mauritius from 1981 to 2015”	د. سماح محمد علي
13:45~ 14:00	2026	دور المعايير الدولية في حفظ وإتاحة التراث المسرحي	د. مروة عصام محمد
14:00 ~ 14:15	Coffee Break		
رأسه الجلسة : أ.د. على عجوه - أ.د. نادية الحسيني - أ.د. أمل جمال - أ.د. عادل توفيق - أ.د. أمينة شلبي			
14:15~ 14:30	4083	دور المعلم في اكتشاف الموهوبين فنيا بين الواقع والمأمول	د. زينب محمود أحمد د. بسمة حسين سعيد
14:30 ~ 14:45	5139	The Effectiveness of Using Internet-Based Learning in Developing Mass Communication Students Oral Functional Skills	د. أميرة الفيشاوي
14:45 ~ 15:00	5183	الذكاء الاصطناعي في خدمة ذوي الاحتياجات الخاصة صعوبات التعلم نموذجاً	إ.د. أمينة إبراهيم شلبي
15:00 ~ 15:15		دور الة البيانو في تعزيز النمو لدي الاطفال الموهوبين ذوي الاحتياجات الخاصة	د. نرمن حمدي
15:15 ~ 15:30	5186	الابتكار والابداع المستمر في ضمان المركز التنافسي للمؤسسات التعليم العالي جامعة عجمان نموذجاً	أ.د. أمل محمد نبيل بدر
15:30 ~ 15:45	٤٠٨٨	الأرشيفات الرقمية الشخصية ودورها في استرجاع المعلومات	أ.د. ايمن عبد الرحمن
15:45 ~ 16:00	١٩٠٧	أمن الخليج وسياسة ملء الفراغ: المواقف السعودية الكويتية من تأسيس دولة الإمارات العربية المتحدة (١٩٦٨-١٩٧١) نموذجاً	أ.د. محمد عبد الإله
16:00 ~ 16:15		المتاحف الافتراضية ودورها في تنمية الابداع	أ.د. أماني حنفي
16:15 ~ 16:30		Creative young minds	أ.د. سحر خليل



16:30 ~ 16:45	٥١٨٩	الموهبة اللاتزامنية – غد مشرق – مستقبل أفضل	أ.د. مهدي علي احمد السباعي
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١٦:٤٥~ 17:00	Lunch Break		
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9 Feb. 2019

Hall VIP

Chairmen: Prof. Nasser Seweilm & Prof. Osama Abo-Rawash & Prof. Ashraf Darwish

Time	Ref.	Name	Presentation Title
٥:٠٠ ~ 5:15	5187	Ioannis P. Stavroulakis	OPTIMAL OSCILLATION CONDITIONS FOR A DELAY DIFFERENTIAL EQUATION
5:1٥ ~ 5:30	1997	Mostafa Sira	Steroid therapy in children with fulminant hepatitis A
5:30 ~ 5:45	5180	Ahmed Z. Afify	A new extension of Weibull distribution: Properties and different methods of estimation
5:45 ~ 6:00	5137	Mohamed A. Ramadan	Mathematics and Promotion
6:00~ 6:15	5128	Gaston NGuerekata (Skype)	Almost periodically forced pendulum: sub and super solutions
6:1٥ ~ 6:30	5131	Salem Farag Hegazy	Production of high-purity hyperentangled photons using orthogonal nonlinear superlattice
6:30 ~ 6:45	5169	Mona Shokair	5G Wireless Technology
6:45 ~ 7:00	1753	Khaled Mehrez	New Integral representations for the Fox-Wright functions and its applications

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Hall 2018

Chairpersons: Prof. Nouzha Al-Yqubi, Prof. Dumitru Baleanu, Prof. Gamal Mokhtar

Time	Ref.	Name	Presentation Title
٥:٠٠ ~ 5:15	5154	Mohamed H. Gaber	Liposomal Formulations in treating tumors
5:1٥ ~ 5:30	5166	Fairouz Tchier	Demonic Fuzzy Relational Operators
5:30 ~ 5:45	5176	Nesreen M. Zedan	Instability of nonplanar modulated dust acoustic wave packets in a strongly coupled nonthermal dusty plasma
5:45 ~ 6:00	5134	Eman Karam Elsayed	Detecting Design Level Anti-patterns; Structure and Semantics in UML Class Diagrams



6:00~ 6:15	5164	Mohamed A. Farag	Application of multivariate data analyses in medicine and pharmacy; Metabolomics a case study
6:15~ 6:30	1696	Yasser Abdel-Fattah Hadi	Simulation of a new solar Ce:Nd:YAG laser system
6:30 ~ 6:45	5173	Shaimaa Ali Mohamed	Recent trends in Photovoltaic research
6:45 ~ 7:00	5190	Ahmed Elaraby	A Framework for Medical Images Segmentation Based on Fuzzy Exponential Entropy and Differential Evolution

(9 Feb. 2019)

Hall 201 ٩

Chairmen Prof. Samir Saqr & Prof. Ioannis P. STAVROULAKIS & Prof. Nouzha Al-Yqubi

Time	Ref.	Name	Presentation Title
5:00 ~ 5:15	5171	Ebtehal El-Demerdash	Promising antifibrotic effects of iron chelators: Successful story of joint research between Ain Shams University (Egypt) and Pertoria University (South Africa)
5:15 ~ 5:30	5136	Mohammed Othman	The Gravity Effect on Generalized Thermoelastic Medium with Voids under Seven Theories
5:30 ~ 5:45	4091	Mohamed A. Abdel Rahman	Microbiological prevalence and bio-controlling capability by Lactobacillus rhamnosus against pathogens in infant food
5:45 ~ 6:00	5145	Mounir BOUASSIDA (Skype)	Optimized Foundation Design in Geotechnical Engineering
6:00~ 6:15	5149	Santhosh George	Inverse free regularization method for nonlinear ill-posed equations in Hilbert scales
6:15 ~ 6:30	5126	Seddik Hammad(Skype)	Mining of publically available datasets to identify an accurate therapeutic window: Liver diseases
6:30 ~ 6:45	1881	Nour Fathi Attia(Skype)	Smart coating for furniture textile and their flammability and hydrophobic properties
6:45 ~ 7:00	4073	Karima Mohamed Oraby	Characterizations of Stability of Abstract Dynamic Equations on Time Scales

(9 Feb. 20 ٢٩)

Hall 2029

Chairmen: Prof. Jinde Cao - Prof. Xiao-Jun Yang, Prof. Daouda Sangare, Prof. Mahmoud Abuelez

Time	Ref.	Name	Presentation Title
5:00 ~ 5:15	5153	Hany M. Ibrahim	Toxoplasma gondii Cyclophilin 18: New Episode of Host Defense-Pathogen Interaction
5:15 ~ 5:30	5152	Anwar Jaafar M. Jawad	Soliton Solutions of Wu–Zhang System of Evolution Equations

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5:30 ~ 5:45	5143	Ali Wagdy Mohamed	Enhanced Differential Evolution Algorithm using Population reduction for solving Optimization Problems
5:45 ~ 6:00	1780	Seifedine kadry (Skype)	Finding the PDF of the hypoexponential random variable using the Kad matrix similar to the general Vandermonde matrix
6:00~ 6:15	5116	Sahar Y. Al-Okbi	Role of nutraceuticals in management of chronic diseases
6:15 ~ 6:30	5158	Mai salah helmy	Visual Symmetry Perception in Britain and Egypt
6:30 ~ 6:45	5168	Naglaa Fathi Khedr	Downregulation of iNOS and elevation of cAMP mediate the anti-inflammatory effect of glabridin in rats with ulcerative colitis
6:45 ~ 7:00	4108	Mohamed H. Abd-Ellatif	Finite groups whose maximal subgroups are GS-groups
7:00 ~ 7:15	3099	S. O. Edeki(Skype)	Conformable decomposition for analytical solutions of a time-fractional one-factor Markovian model for bond pricing

(10 Feb. 2019) Hall VIP

Chairmen:	Prof. Swapan Mandal & Prof. Daouda Sangare & Prof. Sodky H. Mohamed & Prof. Mohammed Abdellatife Ramdan
09:00 ~ 09:20	Prof. Dumitru Baleanu , Institute of Space Sciences, Magurele-Bucharest, Romania “New Fractional Calculus: Theory and Applications”
09:20 ~ 09:40	Prof. Ahmed ElSayed , Mathematics Department, Faculty of Sciences, Alex university, Egypt. “On some arbitrary (fractional) orders functional differential equations”
09:40 ~ 10:00	Prof. Xiao-Jun Yang , University of Mining and Technology, China “Local fractional calculus: a new prospective on modelling the non-differentiable problems in applied science”
10:00 ~ 10:30	Prof. Jinde Cao , Endowed Chair Professor, China.
10:30 ~ 10:50	Prof. Ghada M. Amer , Banha University From the bench to the market; identify the Opportunity from the Challenge

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10:50 ~ 11:10	Prof. Dr. Samir H. Saker , Mansuora University, Egypt. “Higher Summability and Discrete Weighted Muckenhoupt and Gehring Type Inequalities”
11:10 ~ 11:30	Prof. Mahmoud Gaber , Mathematics Department, Faculty of Sciences, Alex university, Egypt.
11:30 ~ 12:00	Poster Session
12:00 ~ 12:30	Coffee Break

(10 Feb. 2019) Hall VIP

ورشة معامل التأثير العربي

رأسة الجلسة : - أ.د. مصطفى رجب - أ.د. على عجوه - الاستاذ الدكتور جمال الدهشان

Time	عنوان المحاضرة
١٢:٣٠ ~ ١٤:٠٠	محاضرة الاستاذ الدكتور محمود عبد العاطي مدير مشروع معامل التأثير العربي
	محاضرة الاستاذ الدكتور على عجوة
	محاضرة الاستاذ الدكتور جمال الدهشان
	محاضرة الدكتور عصام خليفة رئيس شركة المتحدون للنشر
	محاضرة الاستاذ الدكتور رؤوف هلال استاذ المكتبات بجامعة القاهرة
	محاضرة الاستاذ الدكتور ماهر صبري رئيس رابطة التربويين العرب
14:00~ 14:15	Coffee Break
	رأسة الجلسة : أ.د. رؤوف هلال - أ.د. ابو الوفا محمد ابو الوفا - أ.د. عبد الله بن خميس ابوسعيدى - أ.د. ماهر صبري
14:15~ 16:30	مجلة الاداب والعلوم الاجتماعية أ.د. محمد بن ناصر الصقري
	أ.د. جمال بن خالد الغيلاني مدير النشر العلمي والتواصل
	أ.د. ابو القاسم حمدى مجلة دراسات كلية العلوم الاقتصادية والتجارية وعلوم التسيير
	أ.د. ثروات ابراهيم المجلة العربية للبيانات الجافة المحكمة

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	أ.د. مصطفى رجب مجلة الثقافة من أجل التنمية
	أ.د. خالد عمران مجلة كلية التربية بسوهاج
	د. مصطفى فهمي مجلة كلية التربية بسوهاج
	أ.د. عيد بلبع مجلة سياقات
	أ.د. امحمد عبدالله المنصوري مجلة المختار للعلوم الاقتصادية
	أ.د. على محمود موسى مجلة الاثاريين العرب
	أ.د. حسام كنعان مجلة الآداب كلية الآداب- جامعة بغداد
	أ.د. عبد الله صبار عبود رئيس تحرير مجلة الآداب كلية الآداب- جامعة بغداد
	أ.د. عبد الله بن خميس ابوسعدي مجلة العلوم التربوية والنفسية
	أ.د. محمود مناصرة مجلة الجامعة العربية الامريكية
	أ.د. ابو الوفا محمد ابو الوفا مجلة الشريعة والقانون
	أ.د. على حمودين مجلة العلامة
	أ.د. جمال الغيلاني مدير النشر العلمي بجامعة السلطان قابوس
	الاستاذ الدكتور رئيس تحرير مجلة الاداب والعلوم الاجتماعية
	الاستاذ الدكتور رئيس تحرير مجلة العلوم النفسية والتربوية
	أ.د. أحمد يونس مجلات جامعة الاسكندرية

17:00

Lunch

(10 Feb. 2019) Hall 2018

Chairpersons: Prof. Samir Saqer, Prof. Nasser Sewilem, Prof. Swpan Madel & Prof. Kh. S. Mekheimer

Time	Ref.	Name	Presentation Title
١٢:3٠ ~ 12:45	5170	Waleed Sayed Kareem	Simulations of isotropic turbulent flow and extraction of turbulent features using different mathematical methods
١٢:45 ~ 1٣:00	5140	Maha Nasr	Shaping the future of medicine using nanotechnology
1٣:00~ 1٣:15	3076	Ferdous Tawfiq Ahlam Al Otaibi	Capital Centrality of Riyadh City to Rail Network and Regions of Saudi Arabia
1٣:15~ 1٣:30	5178	Amr Ramadan El Dhaba	A model for an anisotropic flexoelectric material with cubic symmetry
1٣:30~ 1٣:45	5127	Sodky H. Mohamed	Synthesis and characterizations of nanostructured metal oxides, oxysulfides and oxynitrides for optoelectronic applications
1٣:45~ 14:00	5177	Walid Tawfik	RECENT SCIENTIFIC PROGRESS IN ULTRAFAST LASERS AND LASER SPECTROSCOPY
14:00~ 14:15			Coffee Break

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Chairmen	Prof. Walid Tawfik, Prof. Waleed Sayed Kareem, Prof. Kh. S. Mekheimer & Prof. Fairouz Tchier		
14:15~ 14:30	5144	Kh. S. Mekheimer	Electrothermal transport via gold nanoparticles as antimicrobials of blood flow through an electro-osmosis artery with overlapping stenosis
14:30~ 14:45	5179	Ashraf M. El-Badry	A surgeons approach to basic science: microscopy of the living liver
14:45~ 15:00	5188	Ashraf Darwish	Machine Learning and Data Mining for Health Monitoring of Artificial Satellites
15:15~ 15:30	4112	Ruma Kareem K. Ajeena	Using the Sub-Graphs for Speeding up the Computations on the Elliptic Scalar Multiplication Algorithms
15:30~ 15:45	1977	Samir A.M. Abdelgaleil	Rings B,D-seco limonoid antifeedants from Swietenia mahogani
15:45~ 16:00	1755	Subzar Ahmad Mir	Robust Ratio Estimators for Finite Population Mean in SRSWOR using different Robust Regression Techniques
16:00~ 16:15	5132	Gamal Ramadan	Novel strategies in design of fast dendritic cells-based vaccination in recipients of hematopoietic stem cells transplant
16:15~ 16:30	1884	Salih Muhammad Awadh	Geochemistry and mineralogical composition of the airborne particles of sand dunes and dust storms settled in Iraq and their environmental impacts
16:30 ~ 17:00	Lunch		
(10 Feb. 2019) Hall 2019			
Chairmen: Prof. Gamal M. Mahmoud, Prof. Mohammed Abdellatife Ramdan, Prof. A. Obada			
Time	Ref.	Name	Presentation Title
12:30 ~ 12:45	5197	Moustafa Mohammed Eissa (Skype)	Novel Development in Power System
12:45 ~ 13:00	5114	Emad M. AlMaarof	Occurrence and biological control of cucumber damping off disease under protected cultivation in sulaimani
13:00~ 13:15	4117	Hany .M. Abd El-Raheem	Polyurethane-doped platinum nanoparticles for the selective voltammetric determination of copper in biological samples
13:15~ 13:30	4115	Samah Abdelraheem	Design of a Fuzzy Logic Controller with Nonlinear Input Scaling For Harmonic Drive Servo Actuator
13:30~ 13:45	2083	Mohamed Eleiche	Exact Minimum Lower Bound Algorithm for Traveling Salesman Problem

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13:45~ 14:00	1901	Hadi Haeri	On the direct experimental measurement of concrete fracture toughness by a Compression-to-Tensile Load Transformer (CTLT)
14:00~ 14:15	Coffee Break		
Chairmen	Prof. Prof. Jinde Cao, Prof. Ioannis P. STAVROULAKIS		
14:15~ 14:30	4105	Reham M. Mohamed	On Alexandrov L-Fuzzy Nearness
14:30~ 14:45	4104	Sayed Abdel-Naeim Badr	Transversal Intersection Curves of Two Surfaces in Minkowski 3-Space
14:45~ 15:00	4103	Moataz Mostafa	Generating Non-Locality Correlation via Two-Photon Resonant Interaction of Dissipative Two-Qubit system with Coherence Cavity Field
15:15~ 15:30	5194	Chisara P. Ogbogbo	Predicting Breakthrough Time in Oil Recovery Using a Percolation Model
15:30~ 15:45	5115	Nora A. Omar	r- Edge Even Graceful Labeling of the Graphs
15:45~ 16:00	5198	Aly Seadawy	Applications of Partial differential equations in fluid mechanics
16:30 ~ 17:00	Lunch		
(10 Feb. 2019) Hall 2029			
Chairpersons: Prof. Dumitru Baleanu, Prof. Santhosh George, Prof. Hafez Radi			
Time	Ref.	Name	Presentation Title
12:30 ~ 12:45	5163	Gamal M. Mahmoud	Complex modified projective synchronization of two chaotic complex nonlinear systems
12:45 ~ 13:00	4098	Bassem E. Tantawy	Self-gravitating stability of resistive streaming triple superposed of fluids layers under the influence of oblique magnetic fields
13:00~ 13:15	4090	Ethar A. Elsalam	Numerical solution for a plane problem of electro-thermoelasticity
13:15~ 13:30	4089	Aya E. Rabie	The Cordiality of the Sum and Union of the Fourth Power of Paths with Cycles
13:30~ 13:45	4076	Asmaa O. Mohamed	Generalized Extension of Watsons theorem for the series ${}_3F_2(1)$

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13:45~ 14:00	5118	Manal Gamal Eldin Mohamed	The Distribution Functions of a Magnetized Quantum Plasma
14:00~ 14:15	Coffee Break		
Chairmen	Prof. A. Obada, Prof. Haron Barakat, Prof. Mahmoud Gaber, Prof. Nasser Swiliam & Prof. Mohammed Abdellatife Ramdan		
14:15~ 14:30	5133	Ahmed Mostafa Mohamed Khalil	Comparison between Fuzzy Inference System and Fuzzy Soft Expert System in Prediction of Lung Cancer Disease
14:30 ~ 14:45	5191	Ahmed Refaie	Electromagnetic Pulse (EMP) bomb (Life without Electricity)
14:45 ~ 15:00	5192	Tareq M. S. Al-shami	Two new forms of ordered soft separation axioms
15:15 ~ 15:30	4101	Tarek Aboelenen	Generalized Wright stability for distributed fractional-order nonlinear dynamical systems and their synchronization
15:30 ~ 15:45	5199	Aya M. Nwara	Impact of climate change on age and volume of organisms and how life form could be considered as one of matter's states
15:45 ~ 16:00	5193	Mohammed Zidan	A Novel Algorithm based on Entanglement Measurement for Solving Intractable problems
16:00 ~ 16:30	Lunch		
16:30 ~ 17:00	After finishing all talks Obda Prize Ceremony at VIP Hall		