

2018 International Conference on Pure and Applied Science
ICPAS 2018, 23-24 April, 2018
Faculty of Science and Health, Koya University, Kurdistan Region, Iraq



Program of the Conference

Day One

Monday, April 23, Conference Auditorium (AUD), Presidency Building.

08:30-09:30	Registration
09:30-09:35	"Welcoming Word" by Assist. Prof. Dr. Wali M. Hamad , ICPAS 2018 Conference Honorary Chair (President of Koya University)
09:35-09:40	Opening Word by Assist. Prof. Dr. Taha J. Omar , ICPAS 2018 Conference Co- Chair (Dean of the Faculty of Science and Health, Koya University)
09:40-09:45	Documentary film
09:45-10:45	Keynote/Plenary address: "Artificial Intelligence-Trends, Challenge and Implications", by Prof. Dr. Sabah Jassim , Buckingham University, UK
10:45-11:15	Keynote/Plenary address: "First-Year Research Projects: Solving Problems and Improving Student Performance", by Assist. Prof. Dr. Francis Burnns , University of South Carolina, U.S.

11:15-11:45	Break
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11:45-12:20	Keynote/Plenary address: "3-Year (2015-2018) Assessment of the Scientific Research Performance in Kurdistan Universities", by Prof. Dr. Salah I. Yahya , National University Ranking, Ministry of Higher Education, Kurdistan Region-Iraq
12:20-13:20	Keynote/Plenary address: "Higher Education in Kurdistan: A Pharaoh or a Fairy for Nation Building", by Prof. Dr. Jamal R. Ameen , University of Kurdistan Hewler, Kurdistan Region-Iraq

13:20-15:05	Lunch (Corner Café, University Campus)
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Session One: A - Biology, 15:05-16:25, Conference Auditorium (AUD). Session Chair: Assist. Prof. Dr. Ayad H. Hasan.

15:05-15:25	“Cultivation and Detection of Viable but Nonculturable (VBNC) Fungi in Soil by Using Yoghurt Whey Infusion Agar (YWIA)”, Bahrouz M. A. Al-jaff , Wijdan A. Ali Al Mohamdi, and Sajid S. Saleem AL- Saeedi
15:25-15:45	“Effect of Types Cultures Media on Isolation of Fungi from Indoor Swimming Pools”, Asia A. M. Saadullah , Berivan A. Abdullah
15:45-16:05	“Genotyping of Echinococcus Granulosus (Hydatid cyst) Isolated from Domestic Animals in Kurdistan-Iraq”, Abdullah A. Hama , Wijdan M. S. Mero, and Jaladet M. S. Jubrael
16:05-16:25	“Lipids and Glucose in Cerebrospinal Fluid of Children with Acute Lymphoblastic Leukemia and Hydrocephalus Disease”, Lelas F. Bdaiwi , Luay A. Alhelaly, and Sayran S. Saleh

Session One: B - Chemistry, 15:05-16:25, LT1001 Hall. Session Chair: Dr. Bnar J. Ahmad.

15:05-15:25	“Koya River Water Quality Assessment with a Focus on Physiochemical Properties and Heavy Metals”, Rawaz R. Hamadamin , Mamnoon Q. Saleh, and Nali J. Hamad
15:25-15:45	“Quantitative Quenching of Fluorescein Based Method for Determination of Valsartan in Some Pharmaceutical Product”, Tara F. Tahir, Aryan F. Qader , and Musher I. Salih
15:45-16:05	“Study of Enzymatic Changes in Placentae of Toxoplasmosis Infected Pregnant Women”, Saba Z. Al-abachi , and Layla A. Mustafa
16:05-16:25	“Fe ₃ O ₄ MNPs Adsorbent for Pre-Concentration and Determination of Cd(II) Ions in Drinking Water Using Flame Atomic Absorption Spectrometry”, Layth I. Abd Ali , and Nisar S. Omar

16:25-16:45	Break
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Session Two: A - Chemistry, 16:45-18:05, Conference Auditorium (AUD). Session Chair: Dr. Tara F. Tahir.

16:45-17:05	“Synthesis and Characterization of Some New Bis- (Dihydropyrimidinones-5-Carboxamide) by Using Ultrasonic Irradiation”, Faiq H. S. Hussain , and Haval O. Abdulla
17:05-17:25	“Synthesis of a Model Trehalose Ester (Cord Factor), and Study Its Antigenic Properties”, Salam G. Taher
17:25-17:45	“Synthesis and Spectroscopic Characterization of a New Series of Thiazolidin-4-one Compounds from Heterocyclic Schiff Bases”, Bana S. Abdulrahman, and Hashim J. Azeez
17:45-18:05	“Applications, Compositions and Performances of Lithium Ion Batteries in Electric Vehicles”, Rawand S. Abdullah , Mazin A. Othman, and Rostam R. Braim

Session Two: B - Biology, 16:45-18:05, LT1001 Hall, Session Chair: Prof. Dr. Ismail S. Ibrahim.

16:45-17:05	“Correlation Between Helicobacter Pylori Infection in Pregnant Women with Pregnancy Related Disorders in Erbil City”, Suha H. Ahmed , and Saad A. Mohammed
17:05-17:25	“Some Molecular Characterization of β -Thalassemia Major In Koya City”, Kochar Kh. Saleh , and Ismail S. Ibrahim
17:25-17:45	“Isolation and Characterization of Bacteria Associated with UTI in Diabetics and Non-Diabetics Women”, Ayad H. Hasan, Gullan O. Rahman , Gulala R. Khidher, and Aqeel I. Gheni
17:45-18:05	“Effect of Physical Exercise on Levels of Sex Hormones in Smoker Students”, Samra S. Fernands , and Noor S. Al-Taee

18:05	Dinner (Miral Hotel, Dukan)
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Day Two
Tuesday, April 24, Presidency Building

Session Three: A - Mathematics and Physics, 09:00-10:20, Conference Auditorium (AUD). Session Chair: Prof. Dr. Mohammad SH. Hasso

09:00-09:20	“The Optimum Operation Conditions for Electrostatic Precipitator (ESP) in Particulate Emitter Industries”, Saddon T. Ahmad , and Jahfer M. Smail
09:20-09:40	“Effect of Gas Pressure and Gas Flow Rate on the Magnetic Properties of Sputtered Ni and Ni ₈₁ Fe ₁₉ Films”, Musaab S. Sultan
09:40-10:00	“Multiobjective Stochastic Programing: The Case of Production of Cakes”, Abdulqader O. Hamadameen
10:00-10:20	“MESDA: An Approach Towards Investigating DNA Codon Frequency Parameters in Distributed Database”, Miran H. Baban, and Shad A. Mohammed

Session Three: B - Biology, 09:00-10:00, LT1001 Hall, Session Chair: Dr. Sarmad N. Mageed

09:00-09:20	“In Vitro Evaluation of Antioxidant Activates for Parts of Rhubarb (Rheum Ribes) and Syrian Mesquite (Prosopis farcta)”, Ismael H. Mohammed
09:20-09:40	“Effect of Salinity on Some Morphological and Physiological Characters of Oat (Avena Sativa L.) Plants”, Aroul M. Anwar , Sargul A. Khudhur, and Younis H. Mustafa
09:40-10:00	“Phosphodiesterase 5 Inhibitor Relaxes Isolated Rat Trachea in Endothelin-1 Induced Contraction”, Ismail M. Maulood

10:20-10:40	Break
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Session Four, A, "Biolog", 10:40-12:00, Conference Auditorium (AUD), Session Chair: Dr. Hikmat M. Masyab.

10:40-11:00	“Antifungal Activity of Aqueous Astracts of Punica Granatum and Quercus Infectoria Penicillium spp. and Cladosporium spp. Mycelia Growth”, Taha J. Omar
11:00-11:20	“Psychosocial Factors in Relation to Musculoskeletal Disorders Among Nursing Professionals in Raparin Administration”, Karwan M. Khudhir , Kochar Kh. Saleh, Saman R. Adulah, and Kochr A. Mahmood
11:20-11:40	“Heavy Metal Concentrations in Parasitized Cows and Sheep with Echinococcus as Environmental Bioindicators”, Sarmad N. Mageed , and Maamun Q. Saleh
11:40-12:00	“Some Cardiac Marker Levels and Cytokines in Diabetic Patients”, Shahen S. Hussen, and Esmael S. Kakey

Session Four, B, "Biology", 10:40-12:20, LT1001 Hall, Session Chair: Assist. Prof. Dr. Taha J. Omar.

10:40-11:00	“Effects of Light Spectrum on the Growth, Photosynthetic Pigments and some Stomata Characteristics of Broad Bean (<i>Vicia faba</i> L.)”, Ikbal M. Al-Barzinji , Hawre O. Rahman, and Warin S. Abdulrahman
11:00-11:20	“Evaluation of Oxidative Stress Status in Aged Human in Relation to some Diseases”, Amez A. Ismael , and Ismail S. Kakey
11:20-11:40	“Antibiotic Susceptibility of Salmonella spp. Isolated from Chicken Faeces”, Ayad H. Hasan, Kozhin M. Amin , Banaz M. Najmaden, Bayan K. Jalal
11:40-12:00	“Activity of Iron Oxide Nanoparticles–Chitosan Composite on Bacterial Biofilm Formation”, Hanan T. Subhi
12:00-12:20	“Vitamin D Level Study Within the Population in Sulaymaniah City- IRAQ”, Rabar M. Abdulrahman , Sakar A. Abdullah, Kosar A. Omer

12:20-13:50 **Lunch (Corner Coffee, University Campus)**

Session Five: Mathematics and Physics, 13:50-15:10, Conference Auditorium (AUD), Session Chair: Assist. Prof. Dr. Saddon T. Ahmad.

13:50-14:10	“Magnetic State of Template Released Isolated Nickel Nanowires”, Musaab S. Sultan
14:10-14:30	“Weak Idempotent Elements”, Rebin M. Hassan , and Parween A. Hummadi
14:30-14:50	“Mechanical Characterizations of Boron Oxide Doped Y- TZP Electrolyte for HT-SOFC”, Abeer F. Al-Attar , Saad B. Farid, Mohamad J. Eshraghi, and Fadhil A. Hashim
14:50-15:10	“Existence and Uniqueness Theorems in an Infinitesimal Micromonad of an Initial Standard Point and Legendre Equation”, Mardan A. Pirdawood , Ibrahim O. Hamad

15:10 **Awarding and Closing Ceremony of ICPAS 2018 Conference**