



# **Fourth International Conference of the Faculty of Science, Ain Shams University November 16 - 19, 2021 - Hurghada, Red Sea**

**Science: Shaping the Future  
SF2021 - A Hybrid Conference**  
Under the auspices of

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# Shaping the Future SF2021

**Conference Coordinator**

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Professor of Biochemistry

**Prof. Dr. Abdel-Rahman B. Abdel-Ghaffar**

Professor of Biochemistry

**Organizing Committee**

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Prof. Dr. Wagih E. Alsadawee



We cordially invite you to participate in our upcoming event. The 4th International Conference "Science: Shaping the Future" will be held in Hurghada (Red Sea-Egypt) from 16th to 19th November 2021. The event is organized annually by the Faculty of Science, Ain Shams University. We have been fortunate to get outstanding scientists from Industry, Universities, Research Centers and Research Institutes to highlight recent progress in the different aspects of applied and pure science as plenary lectures and/or papers or posters dealing with ongoing researches. We cordially welcome all of you to experience all these and have an informative and enjoyable time with us.

## **Conference Main Topics**

### **Theme 1. Green Chemistry & Farming**

Topics covered: Chemical engineering, Product's designing, Managing hazardous substances, Farming management concept, Agricultural product's technology, GPS in soil scanning in agriculture, Aquaponics & hydroponics.

### **Theme 2. Nanosciences**

Topics covered: Nanomaterials, Nanotechnology in commercial products (cosmetics, disinfectants, etc.); Nanotechnology in food packaging and clothing.

### **Theme 3. Environmental Integrity & Sustainability**

Topics covered: Air quality and pollution studying, Managing energy, Use of renewable resources, Waste management policies, Climate changes in relation to animal and crop production, Biodiversity fields, Ecosystem Maintenance, RS and GIS applications.

### **Theme 4. Biocatalysis, Biosensors & Renewable Energy**

Topics covered: Wind energy & solar energy, Geothermal energy, Biomass and bio-fuel, Thermodynamics & kinetics of biocatalytic processes, Biocatalyst's developments, Fuel cells and emerging technologies.

### **Theme 5. Earth Science**

Topics covered: Earth system, Geodynamics, Geochemistry, Mineralogy, Crystallography, Petrology, Geomorphology.

### **Theme 6. Mathematics & Computer Science**

Topics covered: Data analyses, Applied mathematics, Applied statistics, Mathematical modelling, Biomedical mathematics, Engineering mathematics, Computer modelling, Bio-informatics, Computational Mathematics.

### **Theme 7. Biosciences**

Topics covered: Plant & animal sciences, Biochemistry, Plant physiology and protection, Microbiology and Immunology, Aquatic & marine biology, Fisheries, Entomology, Molecular medicine and therapeutics, Stem cells and cancer research, Cellular and molecular biology.



## Registration and Fees

\* Till August 31, 2021

◇ Conference Participants:

- Egyptians: 2250 EGP
- Non- Egyptians: 200 USD
- All Students: 2000 EGP

◇ Accompanying Persons:

- 2250 EGP (Children less than 12 years: 50% off)

\* From September 1, 2021

◇ The above mentioned fees will be subjected to 10% increase in charge.

\* On-Site Registration: Pre-approval required.

\* Fees for participants include ONE workshop attendance, full accommodation, bus transportation and attendance certificate. Fees for accompanying persons include full accommodation and bus transportation ONLY.

\* Fees are payable through the following link:

<http://ums.asu.edu.eg/RequestService>



## Abstract Submission Deadline

\* September 15, 2021 (Later submissions require pre-approval)

\* Please register and/or submit your abstract through the following link:

<https://forms.office.com/r/LP6gve4Lms>



## Conference Publication

Upon request, all accepted papers will be published in The Egyptian Journal of Pure and Applied Science (EJPAS) in a special issue designed for the conference with 50% discount in publication fees.