



The Fourth International Symposium on Dielectric Materials and Applications

(ISyDMA 4)

Amman – Jordan

May 2-4, 2019



organized by

University of Jordan, Amman, Jordan

Jordan University of Science and

Technology, Irbid, Jordan

in cooperation with

The Jordanian Club of Humboldt Fellows

Al-Ahliyya Amman University

Moroccan Association of the Advanced

Materials

Moroccan Society of Applied Physics

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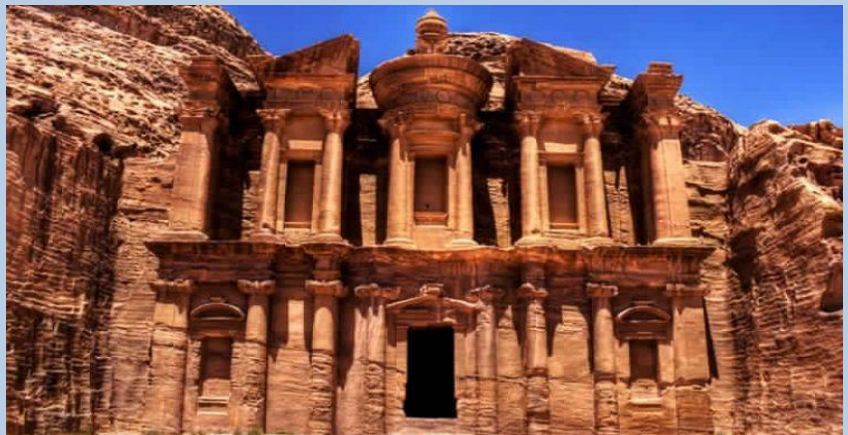
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The goal of the ISyDMA'4 Symposium is to provide a platform for researchers, scientists from all over the world to exchange ideas and to hold wide ranging discussions on recent developments in dielectric materials and their innovative applications. It is addressed to the materials scientists, physicists, chemists, biologists, and electrical engineers engaged in fundamental and applied research or technical investigations on such materials.

The aim of ISyDMA'4 meeting is to provide an international forum for the discussion of current research on electrical insulation, dielectric phenomena and related topics. The scope of the ISyDMA'4 meeting includes, but is not limited to:

- Dielectric properties, polarization phenomena and applications, physics of space charge in non-conductive materials, polymers, composites, ceramics, glasses, biodielectrics, nanodielectrics, metamaterials, piezoelectric, pyroelectric and ferroelectric materials.
- Impedance spectroscopy applications to electrochemical and dielectric phenomena.
- Dielectrics for superconducting applications, industrial and biomedical applications, dielectric materials for electronics and photonics, new diagnostic applications for dielectrics, new and functional dielectrics for electrical systems, electrical conduction and breakdown in dielectrics, surface and interfacial phenomena.
- Electrical insulation in high voltage power equipment and cables, ageing, partial discharges and life expectancy of hv insulation, space charge and its effects in dielectrics. Gaseous electrical breakdown and discharges.
- High voltage (hv) insulation design using computer based analysis. Partial discharges in insulation: detection methods and impact on ageing. Monitoring and diagnostic methods for electrical insulation degradation. Measurement techniques. Modeling and theory.
- Solar energy Materials.
- In addition to other related dielectric phenomena and techniques.



Venues

The ISyDMA 4 conference will be at the IT Auditorium, the University of Jordan Amman, Jordan.

Residence of participants in Amman: will be at the Marriott Hotel Amman

Address: Issam Al-Ajlouni St., Amman 11190, Jordanie,

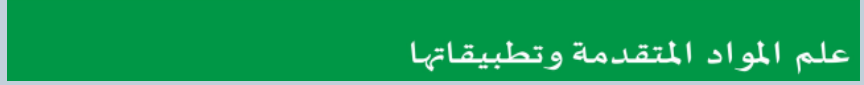
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ISyDMA 4 Conference desk : 00962 79 5659761

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ISyDMA 4 Pre-conference
Spring School on Advanced
Materials

30 April – 1 May 2019, Irbid, Jordan



Pre-Conference Spring school will be held at Al Karama Auditorium, Jordan University of Science and Technology
Address: JUST Campus/Al-Karama Auditorium

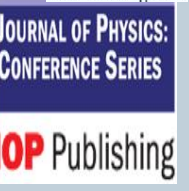
Residence of participants in Irbid:

Address : Sedrh Hotel Irbid, University Street, 21110 Irbid, Jordan,

Phone: +962 2 724 8888

Pre-Conference (Spring School on Advanced Materials) desk:

00962 779488104 (Prof Mohammad Omari)



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 UZMA G .Univ of the Punjab, Lahore, Pakistan



Important dates

Abstract submission period: March 30th, 2019
 Notification of acceptance: since March 20th, 2019
 Payment deadline: April 15th, 2019
 ISyDMA 4 days: May 2-4, 2019
 Full paper submission for publication: June 30th, 2019

Publications

Authors of accepted presentations at the ISyDMA 4 Conference are invited to submit their full manuscripts for publication reviewed as journal articles. All submitted articles must be written in English only, and should report original, previously unpublished research results, experimental or theoretical, and will be peer-reviewed. Articles submitted to the conference should meet these criteria and must not be under consideration for publication elsewhere.

[Jordan Journal of Physics \(JJP\)](#)

[Journal of Physics: Conference Series](#)

Paper Submission Date : **June 30th, 2019**



Registration fees

Academic	300 €
Student	200 €
Industrial	500 €
Accompanying Person	100 €

Registration Fee Includes: Access to all conference sections, coffee breaks, lunch during the Conference (May 2, 3, 4), Conf. Banquet will be held second evening in Amman 3rd of May at the Holiday Inn Hotel of Amman.