

9th International Petra School of Physics
“Nano Physics: Fundamentals and Applications”
Amman, Petra, Jordan
9 - 12 October 2018

The idea of convening the Petra School of Physics (PSP) in Jordan was first suggested by the late Professor Abdus Salam during his two visits to Jordan in 1980 and 1981. The School was named after Petra, that miracle of a city in the south of Jordan which industrious Nabateans carved in the rosy rocks of the mountains more than two millennia ago. The PSP aims to stimulate scientific research in Jordan and neighbouring countries at an international level. It is sponsored by both the University of Jordan and Yarmouk University and cosponsored by the International Center for Theoretical Physics (ICTP). The purpose of the Ninth PSP is to present the state-of-the-art of research in the Physics of Nano Structured Materials from both theoretical and application points of view. Lectures will be given by leading international experts. The PSP is intended for PhD, Master’s students, postdocs and researchers who are interested in the field of Nano Physics. The School also seeks to initiate a collaboration between Jordanian researchers and their peers in the region, and the world. The School will take place in Amman and in Petra and its official language is English.

Topics

- Theoretical physics of nano structures
- Nano materials and their applications in medicine, energy and new materials.

Organizing Committee

Mahmoud Al-Hussein, chairman (The University of Jordan)
Abdel-Fatah D. Lehlooh (Yarmouk University)
Anas M. Ababneh (Yarmouk University)
Moneeb Shatnawi (The University of Jordan)
Walaa Altamimi (The University of Jordan)

Advisory Committee

I. S. Shahin (The University of Jordan), A. S. Saleh (Yarmouk University), H. B. Ghassib (The University of Jordan), S. H. Mahmood (The University of Jordan), J. M. Khalifeh (The University of Jordan), M. Jafar (The University of Jordan), L.H. Abuhassan (The University of Jordan), I. Abu Jaraiesh (Yarmouk University), M. S. Mousa (Mu'tah University), N. Ershaidat (The University of Jordan), E. Rabee (Al-Albays University), M. Omari (Jordan University of Science and Technology).

Participation

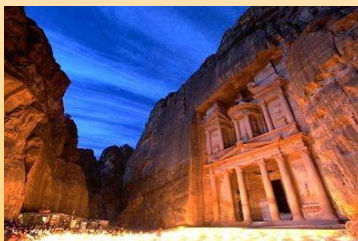
Scientists actively engaged in either the theory or applications of nano structures research are invited to participate in this School. Beside the invited lectures, a limited number of oral and poster contributions can be presented by the participants. They will be evaluated for inclusion based on relevance to the School theme, and quality of the abstract. Participants interested in attending the School may arrange their accommodation with the help of the organizing committee. The closing date for registration and submitting abstracts is September, 15th, 2018. Those interested in participating should submit the application form to:

Prof. Dr. Mahmoud Al-Hussein
Department of Physics, The University of Jordan
Amman, Jordan
Phone: 962-6-5355000 ext. 22023, Fax No: 962-6-5300253
Email: m.alhussein@ju.edu.jo

Note

Petra is the name of a very old city in the southern part of Jordan. Buildings in the city are not constructed, but carved in the rocks of mountains. J.W. Burgon wrote the following about Petra:

"Match me such marvel save in certain clime A rose red city half as old as time....."



**THE UNIVERSITY OF
JORDAN**



**The Abdus Salam
International Centre
for Theoretical Physics**

