

Speaker of Session 18

MECHANICS OF NANOPOROUS MATERIALS FOR ENERGY APPLICATIONS

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Dr. Khaled saoud obtained his BS from Yarmouk University and his Master's degree in applied physics from Virginia Commonwealth University. He then completed his PhD in 2005 in chemical physics at the chemistry and Physics departments, Virginia Commonwealth University working on developing nanomaterials for different applications such as catalysis. He held many industrial positions at major American companies such as Philip Morris USA, Intel Corporation, and Nova Measuring Instruments Inc. He has recently initiated a research program in nanocatalysis, nanotextile and nanomaterials for the construction and development of new catalytic membranes for energy, water treatment, and environmental applications.

He has been working in the field of nanotechnology since 1998. He published over 20 research papers in the field of nanotechnology and holds two US patents. He holds many industrial positions in American companies. He participated in many conferences and holds for using nanomaterials in different applications. Recently, he was invited by Arab League as an expert to start the nanotechnology initiative in the Arab world.