



جامعة جازان  
JAZAN UNIVERSITY



# ***SEMINAR ANNOUNCEMENT***

**“Developing nanomaterials for petroleum applications:  
chemical sensing as an example”**

**Zain H. Yamani (Invited Speaker)**

*Associate Professor and Director, Center of Excellence in Nanotechnology  
(CENT), KFUPM, Saudi Arabia*

**Wednesday, 6 April 2016, 11:30-12:30 PM, ROOM No. 2308**

The Kingdom of Saudi Arabia is a world leader in petroleum and petrochemical production, and with it comes economic benefit as well as environmental ramifications. Nanomaterials can be developed to assess and/ or mitigate such threats. In this talk, Dr. Yamani will present some of efforts exerted at CENT to sense chemicals related to the petroleum industry; this includes nanoagents for reservoir oil sensing, sensing of hydrogen through decorated thin films as well as electrochemical sulfide sensing in solution.

**Organized by**

**Physics Department, Faculty of Science, Jazan University**

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