



جامعة جازان
JAZAN UNIVERSITY



SEMINAR ANNOUNCEMENT

“Jazan university efforts at Jlab in charting the frontiers of particle physics”

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Wednesday, 5 October 2016, 11-12 PM, ROOM No. 2308

Jazan University has been a collaborating member and user institution with the world-leading U.S. Jefferson National Laboratory and Accelerator Facility (Jlab) since 2014. Jlab has become one of the world's most leading accelerator facility since its upgrade to the center-of-mass energy of 12GeV, especially by the virtue of its state-of-the-art Superconducting Radio Frequency (SRF) cavity accelerator technology. The speaker, after a brief introduction of the contemporary frontiers in particle and high-energy physics across the world, especially at the LHC, Jlab and SBN, will give a brief overview of the Jlab accelerator and summarize the recent efforts by JU Physics Department at the Jlab Halls A and C, in detector development and preparation of upcoming experiments, where JU will be a full participating member. The speaker will conclude the talk with an exhaustive overview of a cavity-based Dark Matter detection technique recently developed at JU by his team.

Organized by

Physics Department, Faculty of Science, Jazan University

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