



SEMINAR ANNOUNCEMENT

**“12GeV Physics Program at the U.S. Jefferson Laboratory Accelerator
and Jazan University Participation in It”**

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After the last year's 12GeV upgrade of the U.S. Jefferson National Laboratory Continuous Electron Beam Accelerator Facility (Jlab CEBAF), the Jlab and its associated collaborating institutions, including the Jazan University, has embarked upon a new era of particle and nuclear physics research. We are pleased to report the details of the upgrade as well as the commissioning and data taking of some of the most exciting physics experiments, as well as discuss the physics motivations and the role of Jazan University in it. In addition, we also present an overview of Jazan University's contributions to the detector development at J labs Hall C. In the end, an interesting video of the Jefferson Labs is presented to provide a realistic overview of one of the most sophisticated laboratories and accelerator facilities in the world, which Jazan University is a proud collaborating member of.