DIS 2015
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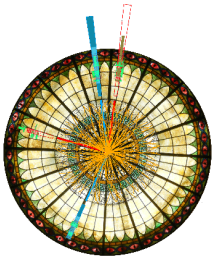

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EMC effect: Past, Present, and Future

Wednesday, 29 April 2015 11:10 (25 minutes)

Since the discovery of the EMC effect over 30 years ago, it's been of great theoretical interest and studied in several experimental measurements. No unified picture arose to explain the underlying cause of per nucleon structure function modification in nuclei. Precise measurements on light nuclei from JLab's 6 GeV era revitalized this research by showing that traditional A or density dependent models of this nuclear modification do not work. The measurements will be reviewed, discussed and preliminary data on heavy targets from JLab's E03-103 will be presented.

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Session Classification: WG1 Structure Functions and Parton Densities

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