



Contribution ID: 219

Type: **Parallel talk**

EMC effect: Past, Present, and Future

Friday 12 January 2018 15:00 (20 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 with results from data on heavy targets from JLab's E03-103 presented. Upcoming measurements will also be discussed.

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Session Classification: Parallel Session 2

Track Classification: Hadron Structure