

1163-00-25            **Chelsea Walton\***. *Title to be announced.*

This talk will delve into the wonderful world of Noncommutative Algebra, primarily discussing the roles of Symmetry, Representations, and Deformations in this area of mathematics. The talk will contain a mix of classical results, the speaker's research contributions, as well as open questions and entertaining anecdotes in this very active area of research. It will be based on the speaker's survey article of the same title, published in the 2019 EDGE program volume for the AWM Springer series. (Received June 26, 2020)