



Contribution ID: 840

Type: **Invited talk**

The He-McKellar-Wilkins phase shift, atom interferometry tests —recent work related to Aharonov Casher and Klein, Opat et al.

Tuesday 13 December 2022 13:10 (25 minutes)

In the dual HMW effect a topological phase emerges when electric dipoles pass around a line source of magnetic charges. When measured it also gave a much more precise measurement of the Aharonov Casher effect.

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Session Classification: Special session

Track Classification: AIP session in honor of Tony Klein