

LAB - CONSERVATION OF ANGULAR MOMENTUM

- Determine the change in angular momentum for two scenarios and compare experimental and theoretical values.
- Whiteboard:
 - Description of scenario
 - Calculation of theoretical
 - Data + calculation of experimental
 - Comparison of theoretical and experimental

CONSERVATION OF ANGULAR MOMENTUM

- Theoretically, momentum is conserved.

- $\bar{L}_i = \bar{L}_f$

$$I_1 \omega_{1i} + I_2 \omega_{2i} + \dots = I_1 \omega_{1f} + I_2 \omega_{2f} + \dots$$