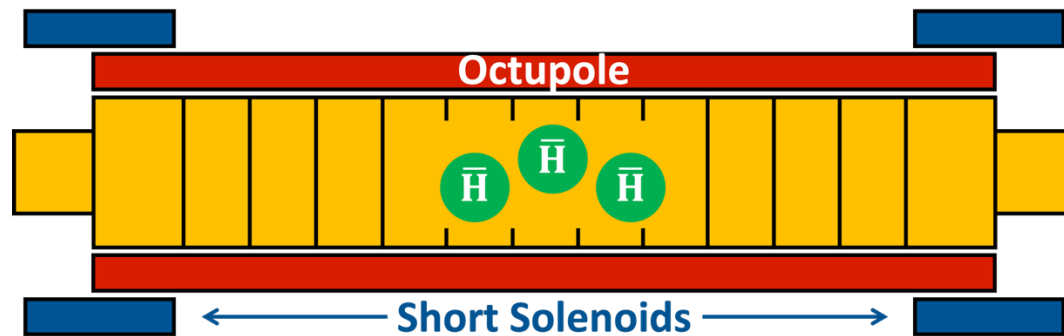


# Investigating energy exchange dynamics in trapped $\bar{H}$ for precision tests of fundamental symmetries

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- **Motivation:** Understanding  $\bar{H}$  energy exchange between degrees of freedom increases precision in ALPHA antihydrogen experiments



- **Results:**

- First direct study of energy exchange in magnetically trapped  $\bar{H}$
- New method for characterizing energy distributions of magnetically trapped  $\bar{H}$

