



**WIMP Miracle**

**Axion Revelation**

# Axion Receivers

helioscopes

haloscopes

- tremendous ferment

# Cosmic Axion Signals

decay

conversion

super-radiance

# Laboratory Axion Signals

light through walls

long range forces (ARIADNE)

electric dipole moments

$K \rightarrow \pi\alpha$

# New-ish Issues

$f_A / f_B$  mixing

quantum gravity

# Agenda Items

emergent axions

clustering