

Future challenges and experiments

(non exhaustive list)

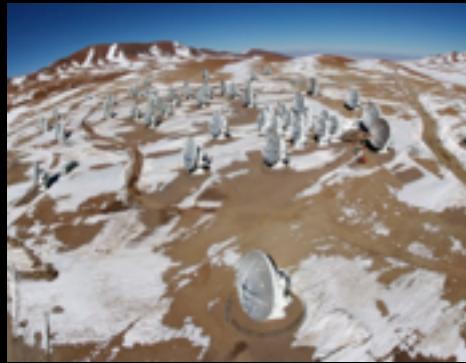
or

The future of the Texas Symposia

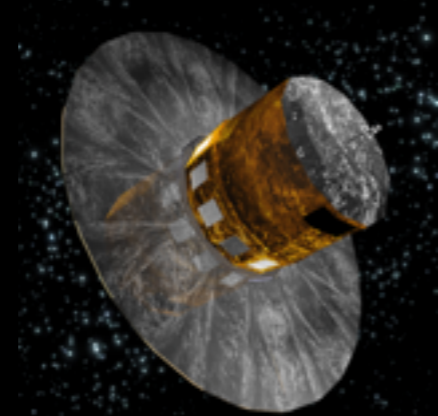
Bruno Leibundgut/Roland Walter

Photons

Alma 2017
BH & jets



Gaia 2017
GR test & HXMB



Nicer 2017
EOS

Polar 2017
GRB

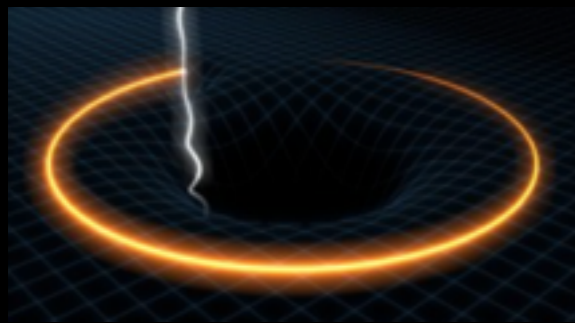
Gravity 2019
Sgr A*



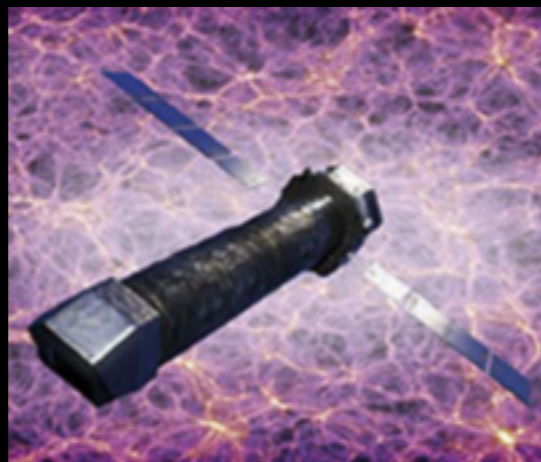
CTA 2019
Accelerators & CR



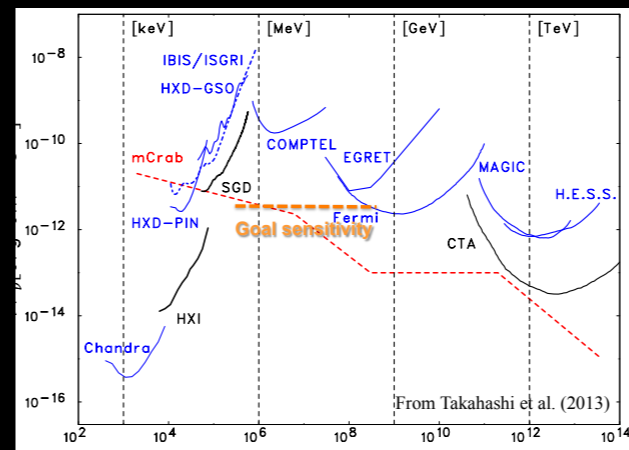
SKA 1 2021
BH & cosmology



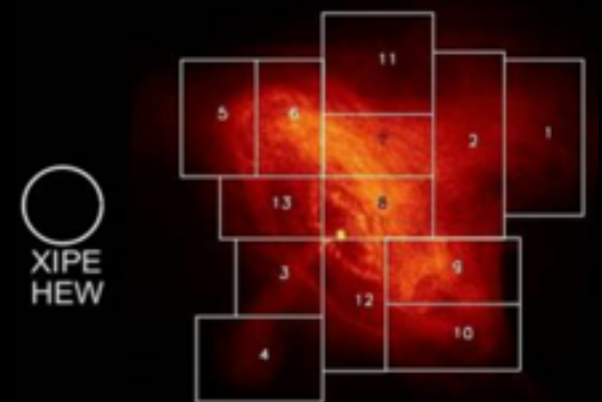
Athena 2029
BH & cosmology



Astrogam 2031
Thermal/non-thermal



XIPE 2031
A new dimension



Other Messengers

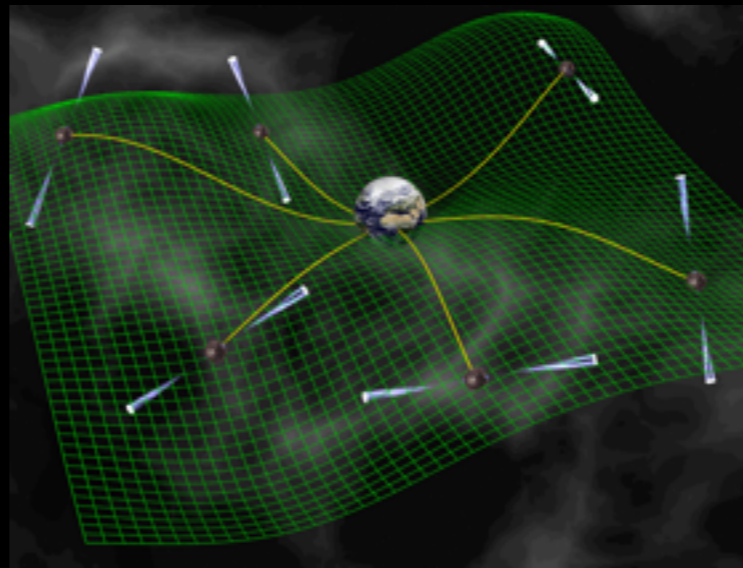
Dampe 2017

CR



Antennas 2017

Pulsar Timing Array



Microscope 2019

Equivalence Principle 10^{-15}



HERD 2021

CR



eLISA 2035

Future Texas Symposia

- **29th (Cape Town):** + Alma, Gaia, Dampe, Advanced Antennas, Nicer, LHC₁₃
- **30th (??):** + Gravity, CTA, Microscope
- **31^h (??):** + HERD, SKA, Euclid

