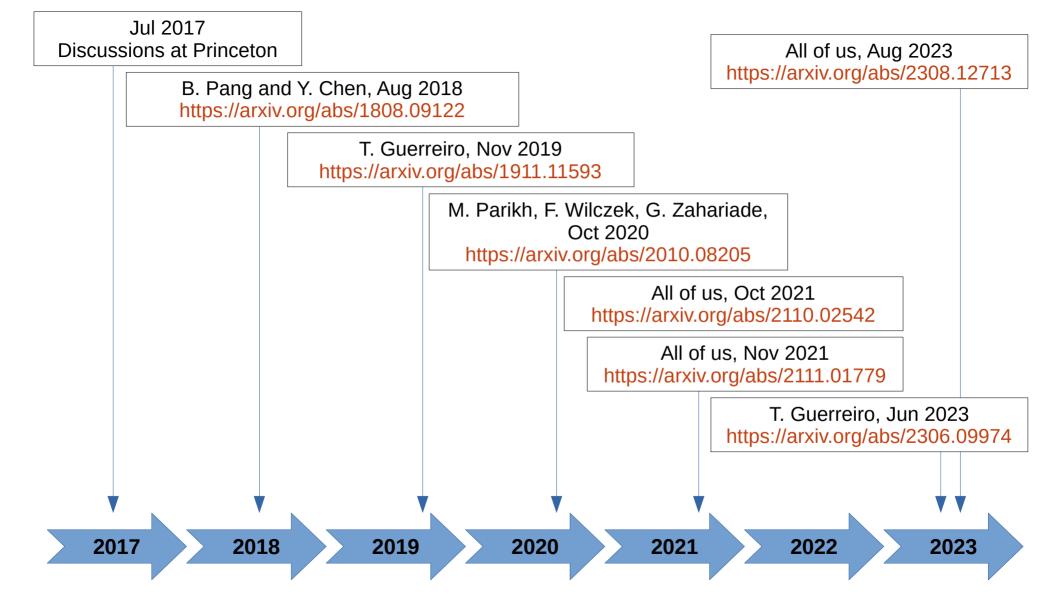
The quantum optics of gravitational waves

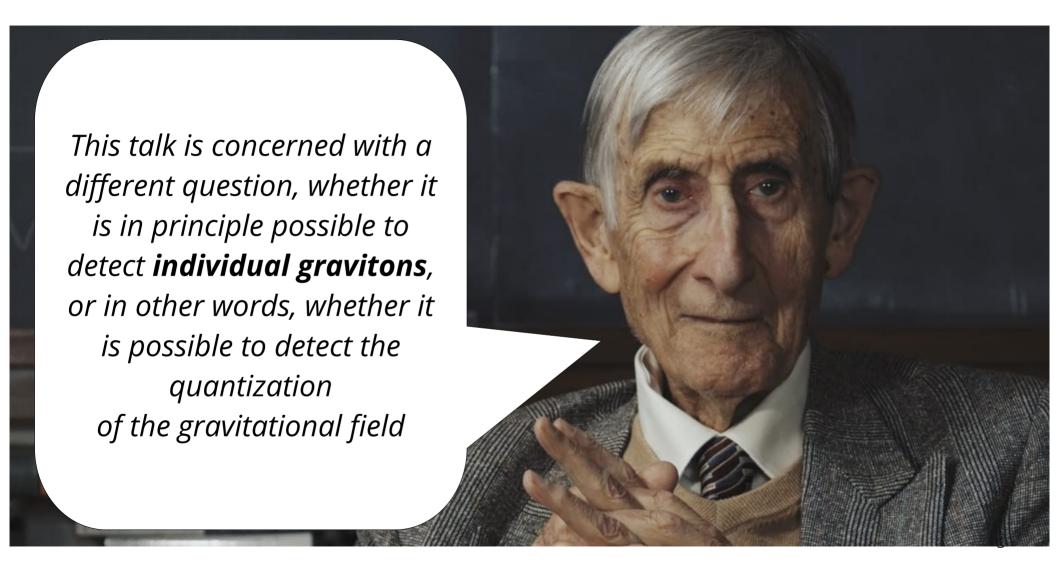
Enrico Jr. Schioppa¹ in collaboration with Thiago Guerreiro², Francesco Coradeschi³, Antonia Micol Frassino⁴, Jennifer Rittenhouse West⁵

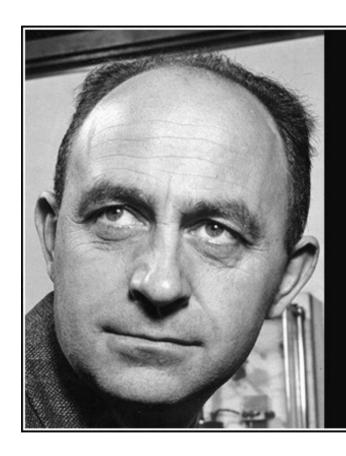
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⁴ Departament de Fisica Quantica i Astrofisica, Institut de Ciencies del Cosmos, Universitat de Barcelona

⁵ Lawrence Berkeley National Laboratory







Never underestimate the joy people derive from hearing something they already know.

— Enrico Fermi —

AZ QUOTES

canonica /kəˈnɑːnɪkəl/ • adjective



Britannica Dictionary definition of CANONICAL

[more canonical; most canonical]

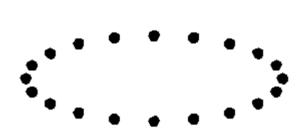
- 1: connected with or allowed by the laws of the Christian church
 - canonical procedures
- 2 a : of or relating to the books that are considered to be part of a religion's official text
 - canonical scriptures
 - the Jewish canonical texts

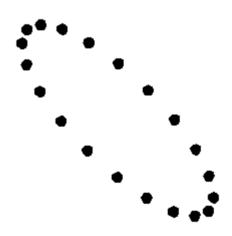
b: of or relating to the group of books, plays, poems, etc., that are traditionally considered to be very important

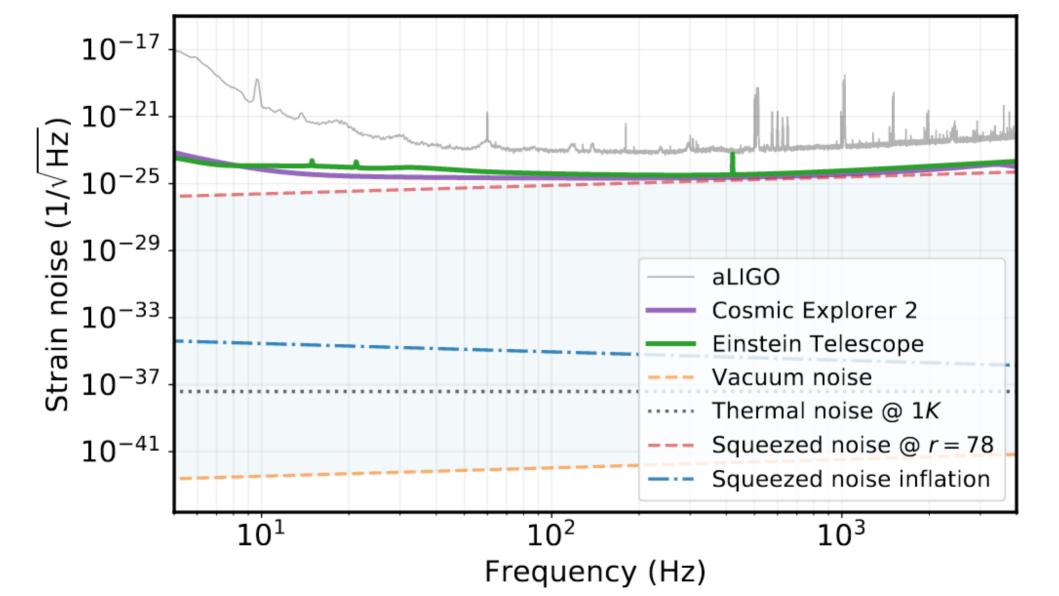
- canonical literature
- canonically /kə nα:nıkli/ ♠ adverb

+ polarization

x polarization







Gravitation is so weak that no experiment that we could perform today would be anywhere near sensitive enough to measure gravitational radiation waves [...]. And the quantum aspect of gravitational waves is a million times further removed from detectability; there is apparently no hope of ever observing a graviton.

