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## Gravitational Waves: the Theorist's Swiss knife

*Wednesday 19 June 2024 16:50 (40 minutes)*

I will first review how gravitational waves (transients or searches for a gravitational-wave background) are used to constrain particle physics models beyond the Standard Model, early Universe cosmological scenario, or dark matter candidates. I will then discuss the angular power spectrum of gravitational-wave transient sources as a probe of the large-scale structure.

**Presenter:** SAKELLARIADOU, Maria