

## Massive black hole astrophysics with gravitational waves

*mercredi 10 mars 2021 14:00 (30 minutes)*

I'll review the main astrophysical processes shaping the merger rate and the distributions of properties of merging massive black holes in the gravitational wave domain (LISA and PTAs), highlighting uncertainties and unknowns. Turning the question around, gravitational waves can inform us on poorly known processes in the cosmic history of massive black holes.

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**Classification de Session:** Massive black holes