

## Gravitational Wave space-based detectors in the post-LISA era

While LISA was entering its implementation phase, the European Space Agency identified a post-LISA gravitational wave detector as one of the possible probes for their exploration of the early universe in the 2050 time frame.

Triggered by that, a group of members of the LISA community has initiated a study, called GWSpace2050, on the possible science case and on the required technology, for such a LISA follow-on mission.

The study is exploring potential missions in all frequency ranges that are inaccessible from ground, from deep in the micro-Hz range up to the deci-Hz one.

The talk will report on the progress of these studies.

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