

## Data generation

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This tutorial is meant to show the general process followed to generate LDC data, including gravitational-wave (GW) signal and noise.

The objective is to:

- Display source parameter: get the first MBHB from spritz
- Compute  $h_+$ ,  $h_x$  with the LDC
- Compute projected strain with gw-response and save to file
- Compute projected strain with the LDC
- Inject GW signal in lisa-instrument or in pyTDI

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