Einstein Telescope
Mock Data and Science Challenge

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For division 10

What/Why ET MDC

- Training simulated data

- Find out the limitations of current methods

- Encourage the community to develop new tools

- Provide a common dataset for comparison of analysis methods

- Assess the science potential with ET or XG

- Assess the requirements for computing infrastructure

What's in the ET MDC

- Series of MDCs with increasing complexity

- First MDC with ET triangle, Gaussian colored noise, and a cosmological population of CBCs (see arxiv:2506.12237)

- Next MDCs with different network configuration, glitches and correlated noise, other type of sources

What next?

- New div 10 chairs to replace Elena Cuocco and myself (Tito dal Canto and Justin Janquart)

- Discussions about the language for the ET MDC 2 (Python?)