

Abstract Submitted
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Report from the Gravitational Observatory Advisory Team

GUIDO MUELLER, University of Florida, FOR THE GRAVITATIONAL OBSERVATORY ADVISORY TEAM — As a response to the selection of the Gravitational Universe as the science theme for ESAs L3 mission, ESA formed the Gravitational-Wave Observatory Advisory Team (GOAT) to advise ESA on the scientific and technological approach for a gravitational wave observatory. NASA is participating with three US scientists and one NASA observer; JAXA was also invited and participates with one observer. The GOAT looked at a range of mission technologies and designs, discussed their technical readiness with respect to the ESA schedule, recommended technology development activities for selected technologies, and worked with the wider gravitational-wave community to analyze the impact on the science of the various mission designs. The final report is expected to be submitted to ESA early March and I plan to summarize its content.

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