

VII Leopoldo García-Colín Mexican Meeting on Mathematical and Experimental Physics



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DEIRDRE SHOEMAKER: Numerical Relativity in the Age of Gravitational Wave Observations

Monday, 17 February 2020 12:30 (1 hour)

The advent of gravitational wave astronomy has created opportunities to probe strong-field gravity as black holes merge. Numerical relativity provides the means to confront the measurements with theoretical prediction from general relativity, allowing us to interpret the sources of gravitational waves and to test whether general relativity is the theory governing these events. This talk will talk about what demands will be placed on this field to maximize the science output of the new era.

Session Classification: PLENARY TALKS

Track Classification: SYMPOSIUM ON BLACK HOLES AND GRAVITATIONAL WAVES