

Binary Black Hole Mergers

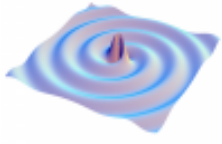
Source Group

Facilitators:

Bernd Bruegmann, Luis Lehner, Patrick R Brady

LSC Meeting: Aug 2002

LIGO-G020426-00-Z



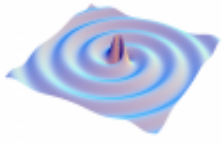
Purpose

ASIS Charter

- The other key roles of ASIS are to foster communication between LSC scientists and non-LSC scientists working on gravitational-wave sources and signatures, and to help determine the research and development priorities of the LSC.

Source groups' purposes

- The data analysts should educate the source analysts about gravitational-wave data analysis, and most especially about what kinds of source-analysis information will be useful, and in what ways, in data analysis.
- The source analysts should educate the data analysts about source analysis and simulations, and most especially about what kinds of information it will be possible to supply for the data analysis and on what timescales.



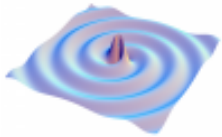
Organization

Web page

- GVAWG: <http://www.lsc-group.phys.uwm.edu/gwawg/>
- Source group pages: Coming soon!

E-mail lists

- compbinaries@gravity.phys.uwm.edu
- bbhmerger@gravity.phys.uwm.edu
- bnsmerger@gravity.phys.uwm.edu
- stellarcollapse@gravity.phys.uwm.edu
- Please sign up if you're interested.



Black hole merger

Facilitators

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Web page

- Source group page: Coming soon!

E-mail list

- bbhmerger@gravity.phys.uwm.edu
- Please sign up if you're interested.

Description

- Plunge from the isco and final merger. Source analysis is currently by numerical relativity techniques. Data analysis is currently via various time-frequency techniques.