

PREFACE

The 14th Gravitational Wave Data Analysis Workshop (GWDAW-14), University of Rome 'Sapienza', Rome, Italy, 26–29 January 2010

To cite this article: Fulvio Ricci 2010 *Class. Quantum Grav.* **27** 190301

View the [article online](#) for updates and enhancements.

You may also like

- [Position algorithm for monolithic scintillation crystals based on charge projection readout](#)
R. Pani, M. Bettiol, E. Preziosi et al.
- [Proceedings of the International School and Workshop 'Nanoscience and Nanotechnology 2006' \(University of Rome Tor Vergata and the Catholic University of Rome, 6–9 November 2006\)](#)
Stefano Bellucci
- [A Depth-of-Interaction encoding method for SPECT monolithic scintillation detectors](#)
M. Bettiol, E. Preziosi, M.N. Cinti et al.

PREFACE

The 14th Gravitational Wave Data Analysis Workshop (GWDAW-14), University of Rome 'Sapienza', Rome, Italy, 26–29 January 2010

The 14th Gravitational Wave Data Analysis Workshop (GWDAW-14), held at the Department of Physics of the University of Rome 'Sapienza', is the last of a long series of annual workshops dedicated to Gravitational Wave (GW) data analysis. This time the workshop was focused on strengthening the connection among the gravitational wave and the other astrophysical communities. Thus, a significant fraction of the workshop was dedicated to exploring the potentialities of multi-messenger astronomy and in particular on the emerging neutrino observatories in conjunction with GW observations.

Moreover, several contributions were devoted to technical details of the analysis of data taken during recent scientific runs. The main purpose was the improvement of the data quality for increasing the confidence in the detection of the first GW event. Although we are still waiting for the first GW event, by applying these techniques new GW upper limits on the strength of continuous signals and stochastic background, as on the event rates of burst and inspiral signals, have been set.

A selection of the talks presented during the workshop are published in this special issue of *Classical and Quantum Gravity*, while other talks from the workshop are published in a companion volume of *Journal of Physics: Conference Series*. These contributions represent the most up-to-date papers on the topics covered by the workshop and provide valuable details about current work.

As chairman of this workshop, I would like to thank the members of the organizing and scientific committees and all the participants, whose contributions have been crucial to the success of the workshop. Many of the practical aspects of the organization of the workshop were handled by our scientific secretary A Perrotta, the web master A Colla and the event management company Symposia. Their professionalism, expertise and dedication were greatly appreciated.

Finally, I would like to thank the institutions and the sponsor that made this workshop possible:

- University of Rome *La Sapienza*
- Italian National Institute of Nuclear Physics - *INFN*
- Italian National Institute of Astrophysics - *INAF*
- University of Rome *Tor Vergata*
- University of *Sannio*
- *E4-Computing Engineering* s.p.a.

Fulvio Ricci

University of *La Sapienza* and *INFN*, Sezione di Roma, Rome, Italy

Guest Editor