Special Issue

Gravitational Lensing of Gravitational Waves

Message from the Guest Editors

Increased sensitivity of the future third-generation gravitational wave detectors, , supported by future space-borne interferometers will make it possible to probe the volume of the Universe's order of magnitudes already larger than accessible for the current LIGO-Virgo-KAGRA detectors. Such impressive statistics create the opportunity for a number of detected gravitational wave signals to be recognized as gravitationally lensed (the case of the Refsdal Supernova strongly supports such expectations). In this light, new research opportunities become realistic. This is a perfect time to get prepared and recognize properly the expectations, standards and perhaps peculiarities of strong lensing of gravitational waves. This Special Issue is devoted to discussing gravitational lensing of gravitational waves and its use as a unique tool in testing physics at the fundamental level. In this context, we invite you to present your recent results addressing this problem. The study of these and other related topics are the goal of this special issue, [...] For further reading, please follow the link to the Special Issue Website.

Guest Editors

Dr. Aleksandra Piórkowska-Kurpas
Institute of Physics, University of Silesia, 75 Pułku Piechoty 1, 41-500 Chorzów, Poland

Prof. Dr. Shuo Cao
School of Physics and Astronomy, Beijing Normal University, Beijing 100875, China

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Universe
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
universe@mdpi.com

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Message from the Editor-in-Chief

The multidisciplinary journal *Universe* is aiming to follow and, hopefully, to lead to the largest extent as possible the ever-self renovating threads which weave mathematical theories with our understanding of the magnificent natural world. On behalf of all the distinguished members of the Advisory and Editorial Boards, I extend my welcome to this journal and look forward to hearing from the interested contributors and learning about their valuable research.

Editor-in-Chief

Prof. Dr. Lorenzo Iorio
Ministero dell' Istruzione e del Merito, Viale Unità di Italia 68, 70125 Bari, Italy

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