

Seminarium Astrofizyczne
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Neutron-star mergers in the era of gravitational-wave astronomy

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Recent detections of merging black hole mergers by the LIGO-Virgo Collaboration open a new era in gravitational-wave astronomy. Another prospective type of sources are the neutron-star mergers.

Since these stellar remnants contain matter, they constitute an even richer laboratory of strong gravity, dense matter and relativistic astrophysics. I will talk about the current status of the theory and simulations, multi-messenger aspects of the data-analysis and outlook for the future.

Serdecznie zapraszam,
Agnieszka Majczyna