

Otto Hannuksela (Nikhef Amsterdam): Gravitational-wave lensing with ground-based gravitational-wave detectors

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Gravitational waves, like light, could be gravitationally lensed. Recent studies suggest that we might see gravitational wave lensing already within the coming years as the current ground based gravitational-wave detectors reach their design sensitivities. However, the methods to detect and utilize gravitational-wave lensing are entirely different from that of light. I will discuss some of the latest gravitational-wave lensing advances and present our search results for gravitational-wave lensing.