

Friday, 22.11.2024, 1:15 p.m.
in Lecture Hall I of the Physics Institute

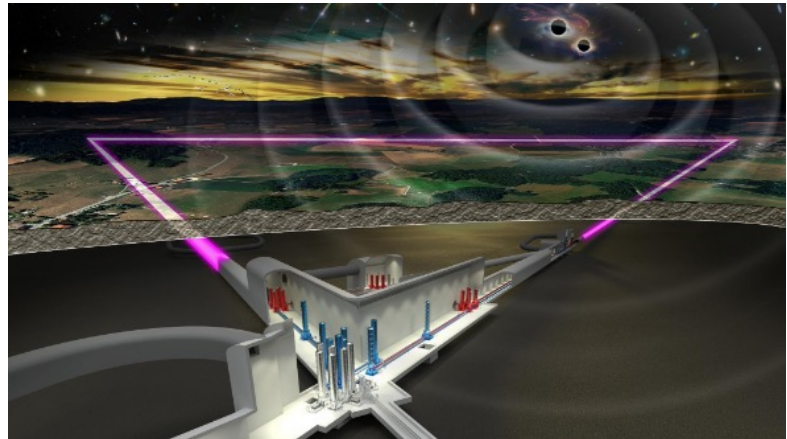


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„The Einstein Telescope – listening to the sound of the universe”

The network of second-generation gravitational wave detectors (advanced LIGO and Virgo) is regularly detecting gravitational waves from black holes and neutron stars in our cosmic neighbourhood. With this, gravitational wave astronomy has become a reality and has grown into a valuable member of the multi-messenger astronomy family over the past observation runs. However, we are only at the beginning of a long journey towards listening to the entire universe, with the next big step being the construction of the third generation of gravitational wave detectors. In Europe, this is the Einstein Telescope. The lecture will give an overview of the current status and future plans.



Everybody is welcome, especially students of all semester

