

Binary black holes: from formation to coalescence

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Almost 100 binary black holes (BBH) have been detected by the LIGO-Virgo detectors, and the field of gravitational wave astronomy and astrophysics is rapidly growing. I will present recent result from the ICCUB Virgo group, which tries to understand the mechanism of BBH formation in the Universe and how the properties of the ones that eventually coalesce can be used to shed light on their origin.

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