

Matteo Barsuglia
CNRS - Paris



First direct detection of the gravitational-waves and observation of a black-hole merger

Special event!

Politecnico di Milano

February 23, 2016 – 16:00

Sala Conferenze - DEIB

Einstein predicted the existence of gravitational-waves in 1916, but until September 2015 they were never been detected. After an introduction of the theory, of the main steps of the gravitational-wave search and of the international context, we will discuss the recent observation by LIGO of the gravitational-waves emitted by the merger of a two black-holes at a distance of a approximately 1 billions light-years.



Matteo Barsuglia is researcher at the Centre National de la Recherche Scientifique (CNRS), based at the Laboratory APC (AstroParticle and Cosmology), in Paris.

Since 2008 he is the head of a group contributing to the development of the Virgo project, to the analysis of LIGO-Virgo data and to the improvement of the interferometric techniques used in the gravitational-wave detectors.



POLITECNICO
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Evento speciale ai CommTech Talks!

Abbiamo il piacere di avere con noi, **Matteo Barsuglia**, uno dei protagonisti dei progetti Virgo e Ligo che hanno rilevato per la prima volta le **onde gravitazionali**.

L'intervento sarà introdotto da **Alberto Gatto**, post-doc del POLIMI presso PoliCOM DEIB, che ha partecipato ai progetti nel gruppo di Barsuglia.

Where: Politecnico di Milano – Sala Conferenze DEIB, via Ponzio 34/5

Registration:

<http://tinyurl.com/commtechpolimi>