



## SCIENCE

### KM3NET: A SUBMARINE TOWER FOR NEUTRINOS

The first tower of the KM3NeT-Italia neutrino observatory, a project in which INFN plays a key role thanks to the contribution of its Southern National Laboratories (LNS), has been anchored to the seabed at a depth of 3500 metres off the coast of Sicily.

"The success of this operation represents another important step towards the construction of KM3NeT-Italia and therefore towards the completion of the Italian node of the European research infrastructure", said Giacomo Cuttone, KM3NeT-Italia project manager and Director of LNS. The experiment, in the final conformation of this phase, will implement a three-dimensional array of sensors for the detection and measurement of high energy neutrinos which, upon its completion, will be the largest astrophysics neutrino telescope in the northern hemisphere and will constitute the first portion of the Italian node in the Km3NeT pan-European research infrastructure. The ultimate goal is to expand the detector, exceeding the sensitivity of the US IceCube neutrino telescope operating in the glaciers of Antarctica.

The KM3NeT project has so far been largely financed with European structural funds - for the Italian part with PON 2007-2013 funds - and has already been included in the list of European research infrastructures selected by the European Strategy Forum on Research Infrastructures (ESFRI). ■



## TECHNOLOGY TRANSFER

### INFN LAUNCHES THE FIRST INNOVATION MEETING

In November 2014, the "1<sup>st</sup> INFN Innovation Meeting", promoted and organised by INFN and hosted by the Bicocca University of Milan, was held. An event dedicated to the topic of cooperation between the worlds of scientific research and industry, with a

discussion on development opportunities in the technology transfer field. This innovation meeting was intended to be a discussion and meeting forum between researchers and industry to facilitate the sharing of skills developed in both sectors (knowledge sharing), as well as the identification of advanced technologies developed in basic research which could be applied in a production context (technology transfer).

The event is also part of the activities linked to the EU Horizon2020 programme to reward projects that promote synergy between business and research. ■