



COMPUTING

THE EUROPEAN IOTWINS PROJECT LAUNCHED IN BOLOGNA

IoTwin was launched in Bologna on 4 September. It is a new European big data project financed to the tune of 20 million Euros. INFN is contributing with both its infrastructure and its know-how to the project.

The project's aim is to create digital twins, or virtual copies of industrial processes, for large scale virtual applications, via the creation of 12 computer platforms for the management of Big Data with artificial intelligence. These platforms will support the industrial world in fields such as predictive maintenance and the optimisation of the industrial process.

IoTwin falls under the European Framework Programme for research and innovation, Horizon 2020, and is coordinated by the Italian company "Bonfiglioli Riduttori". The project involves 23 partners from eight European nations. Alongside INFN, the Italian partners include the University of Bologna, CINECA, the Emilia-Romagna Region, through the regional company Art-ER, and the Marposs company. ■