

Introduction and activities in CMM-FBK: Stories of Research and Innovation

Massimo Bersani, Centre of Materials and Microsystems of Fondazione Bruno Kessler (CMM-FBK), via Sommarive 18 38123, Trento, Italy.

In this talk is presented a short overview about Centre of Materials and Microsystems at Fondazione Bruno Kessler (Trento-Italy). Organization, capabilities, competences and main projects are pointed out. In the second part of the presentation, some examples and most important results are reported and discussed in order to give an overall scenario. In particular two cases one for Research and one for Innovation will be discussed. The research case is focused on nanotechnology application.

The FBK is a Top Research institute in Italy, ranked at the 1st place by the scientific excellence and for the economic and social impact according to the quality of research ANVUR.

FBK has 7 Research Centers extending to different scientific fields. The CMM - Centre for Materials and Microsystems is an applied research center that operates in the following areas of science and technology: materials and interfaces, devices and microsystems, integrated systems.

The FBK has collaboration with more than 50 scientific institutions in the world and has more than 400 researchers, 100PhD students from 25 different Countries, 700 students and 200 doctorate students and visiting professor involved in the FBK activities. The Foundation generates both scientific and industrial results.

The Centre for Materials and Microsystems works with universities in scientific and technological projects involving undergraduate and graduate students with topics applied to material and process innovation technology. In this lecture will be presented some examples of works to motivate Brazilian students to carry out scientific and technological work in the FBK (<https://www.fbk.eu/en/about-fbk/>).

