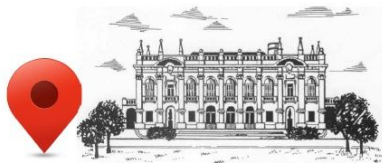


Mario Martinelli (POLIMI)
Giuseppe Sala (POLIMI)
Davide Sarchi (Prysmian)
Maddalena Ferrario (Cohaerentia)

Fiber optics for sensing
Politecnico di Milano
January 14, 2015 – 16:45-18:00
Sala Conferenze - DEIB



POLITECNICO DI MILANO



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

Registration:

<http://tinyurl.com/commtechpolimi>

The optical fiber is not only an excellent information-carrying medium for telecommunication applications, but is also strongly attractive for sensing and control. Optical fibers are sensitive to many physical parameters against which they were made to be immune for their effective operation in telecommunication. The precise analysis of the linear and non-linear effects affecting the light propagating into the fiber allows developing a novel generation of pervasive and smart sensors. The panel will show two main application fields of optical fiber sensors together with the innovative approach proposed by the recently established Politecnico di Milano spin-off Cohaerentia.

CommTech Talks @ POLIMI are a series of seminars and panels organized weekly by the study program in **Telecommunications Engineering** and the master of science track in **Internet Engineering of Politecnico di Milano** for stimulating the networking between students and people from industry and research.