



**Appunti di Fisica '19  
&  
Dottorato di Ricerca in Fisica**

**18 gennaio ore 10:00  
Sala seminari, CNR-IPCFC**

**Matter and devices:  
beyond silicon, what next?**

**Rosario Corrado Spinella**

(Direttore del Dipartimento di Scienze Fisiche e Tecnologie della Materia del CNR)

We are experiencing an impressive improvement of microscopy techniques with achievable resolution having approached a level that makes possible to probe individual atoms. This progress has been driven by the effort to achieve a better understanding of the physical properties of materials and devices whose feature sizes are in the range of the nanometer scale. The talk will address the importance of these techniques in characterizing novel materials of interest for the future trend in microelectronics.

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