

## **Tubes, dots and... Carbon in various nanoforms and their applications**

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Since from the discovery of the new allotropic forms of carbon, their potential applications in many different fields appeared to be very interesting, but usually a chemical functionalization of these derivatives is needed and results to be challenging. Moreover, with the increasing of the carbon nanostructure family components, also the applications can evolve and we can foresee the use of these materials in progressively more applications. We will survey our more recent achievements in this field on various nanostructures.

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