

Supporting Information

3D Analysis of the Morphology and Spatial Distribution of Nitrogen in Nitrogen-doped Carbon Nanotubes by EFTEM Tomography

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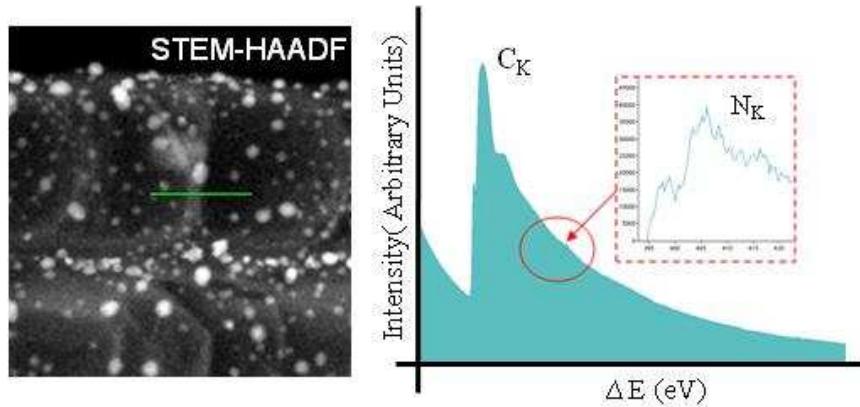
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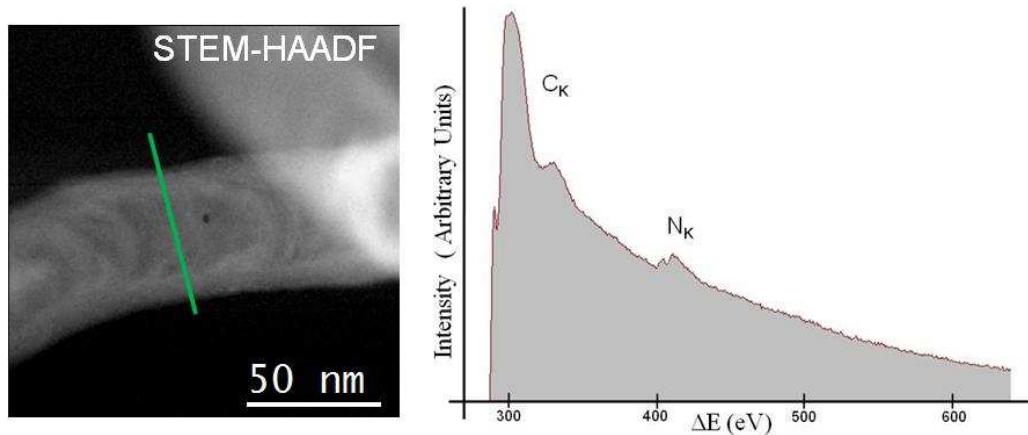
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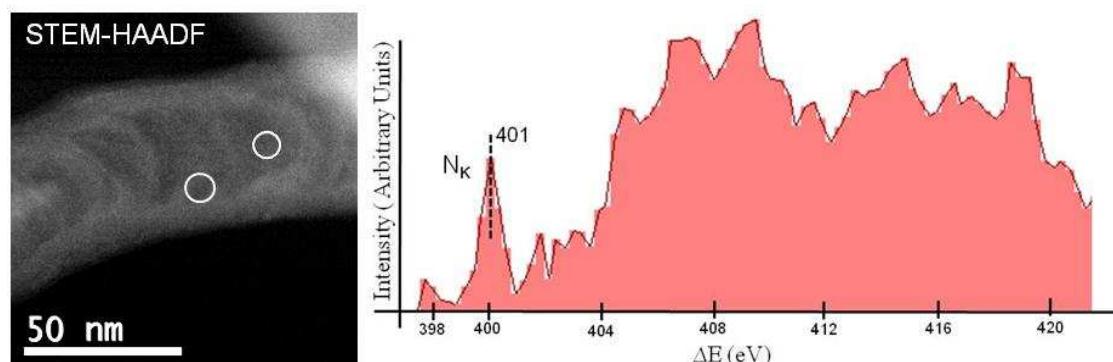
SI 1: EELS analysis of 4% nitrogen-doped CNT



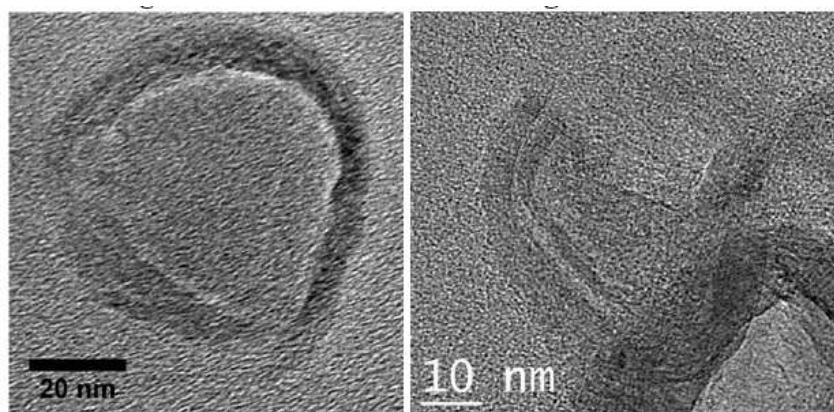
SI 2: EELS study of 18% nitrogen-doped CNT: the nitrogen atoms in insertion in the graphitic layers (different configurations of the N)



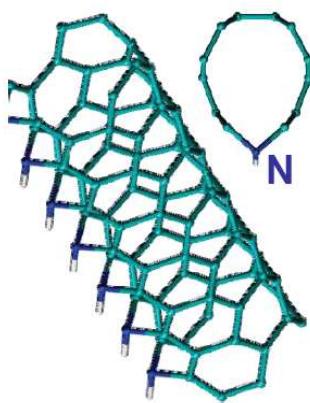
SI 3: Evidence of the presence of molecular nitrogen



SI 4: HRTEM images of cross-sectional slices obtained by ultramicrotome



SI 5: Theoretical calculations by Kutana [ref]



Kutana A., Giapis K., P. *Journal of Physics Chemistry C*, **2009**, 113, 14721-14726.