

Supporting Information

Probing the coupling between the components in a graphene-mesoporous germanium nanocomposite using high-pressure Raman spectroscopy

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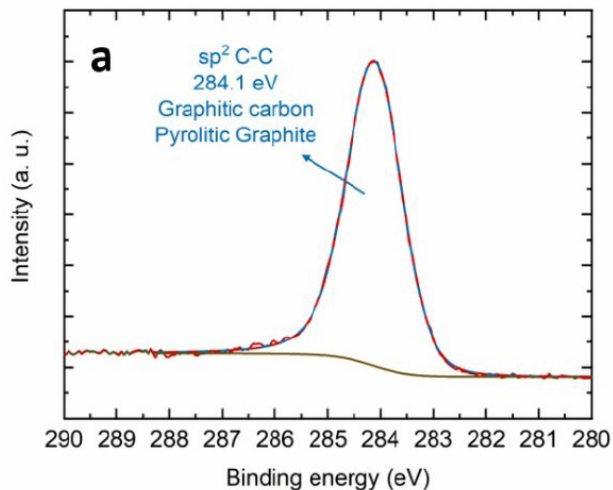


Figure S1 – XPS spectra of the Graphene-mesoporous germanium nanocomposite.

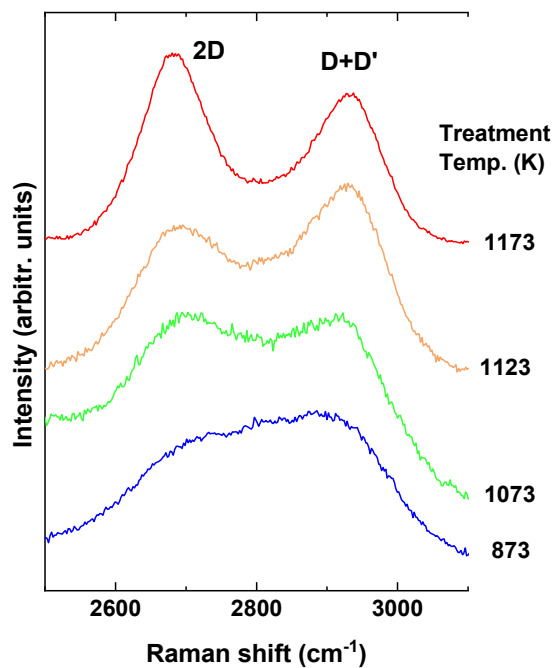


Figure S2 – Raman spectra of the Gr-MP-Ge nanocomposite with different temperatures of treatment. The spectra show a zoom on of the 2D peak region. Additionally, the 2D peak region has a low intensity and a significant broadening for the sample treated at 873K. The shape is modified by a treatment involving a higher temperature with the appearance of marked 2D and D + D' peaks. These changes are due to the decrease of disorder with the increasing temperature.