

# Review of: "A hybrid molecular peapod of sp<sup>2</sup>- and sp<sup>3</sup>-nanocarbons enabling ultrafast terahertz rotations"

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**Potential competing interests:** The author(s) declared that no potential competing interests exist.

My notes are included in the following points:

1. I think the title should have been reformulated to reflect the content well.
2. In the caption of Fig. 3, I think that the statement ".....one may easily notice that the crystal structures of cylinders are unaffected by the introduction of **adm** guests." is not entirely accurate, as the effects on the crystal structures of cylinders are inevitably present, but they are limited.
3. The authors do not discuss the applications of these nanostructures in depth.
4. The article is well written, however, the text contains some grammatical errors which do not affect the content.