Is the scattering mechanism fully understood on Graphene?

How can be measured ?

**Definition of scattering times** 





lifetime of an electronic state

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Definition of scattering times



 $\tau_{tr}$  /  $\tau_{e}$  ratio can identify the scattering mechanism

What is in the Poster downstairs ?

- Measurements of  $\tau_{tr} / \tau_{e}$  ratio for monolayer and bilayer graphene
- The same scattering mechanism can describe both monolayer and bilayer scattering times



You are welcome to discuss about it !