

ESSAY: “YOUR MOLECULE”: A Molecule Story (35pts)

Please note that depending on molecule, not all questions might be relevant. Those questions are meant to help you with combine relevant information for the essay and its role in organic electronics. 10 pages maximum, reference not included.

ABSTRACT (5pts)

Brief summary of the content of the essay. An outline might be included here (Max 1page.).

“MOLECULE’S HISTORY” (12pts)

- When the molecule has been discovered? By whom?
- What was used the molecule for?
- What is the molecule (virus, polymer, etc.)? And what is its structure?
- Properties which characterize the molecule
- Does the molecule have different packing scheme leading to different properties? what is its more common morphology?

“MOLECULE CHARACTERIZATION AND APPLICATION” (15pts)

- Take at least 3 properties from the molecule and which techniques we can used to characterize them (at least 3)
- Why can we use those techniques?
- What information can we have with each technique?
- Present the results (graphs, pictures, etc.)

REFERENCES (3pts)

- (1)
- (2)
- (3)

Note: *Always cite your sources* when you are sharing information (scientific papers and books are preferred, Wikipedia is not a *peer-reviewed* source).