

Sharp graphite tips for nanotechnology applications

Sharp graphite tips have been developed in the lab of Dr Amalio Fernandez-Pacheco at the University of Cambridge using a three-step polishing method. The final diameter of the tips is less than 5 microns, and can be shaped to sub-100 nm sizes and special geometries if the application requires it. These sharp tips have potential uses in various nanotechnology applications such as:

- 1) Tomographic holders
- 2) Probes for micromanipulation
- 3) Semiconducting probes for electrical measurements
- 4) Probes in organic systems to study their elastic properties

Please contact us if you would like to discuss further.

Category

Physical Sciences

Authors

Amalio Fernandez-Pacheco

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