

AFM cantilever mounting

Source: <http://sci.tech-archive.net/Archive/sci.techniques.microscopy/2007-05/msg00004.html>

- *From:* Toby.Hallam@xxxxxxxxxx
 - *Date:* 8 May 2007 07:40:48 -0700
-

I am mounting Silicon cantilevers on Omicron VT-AFM Piezo mounts with two part heat -set epoxy. The mounts are reusable but after some wear and tear the ceramic on the mount becomes worn. I expect maybe one in every 3 cantilevers to be misaligned for laser sighting but this ratio has dropped significantly. Does anyone have any helpful solutions for precision cantilever mounting? And purpose built mounting stages etc? I have the Omicron AFM mounting stage which is almost useless for helping mount cantilevers.

.