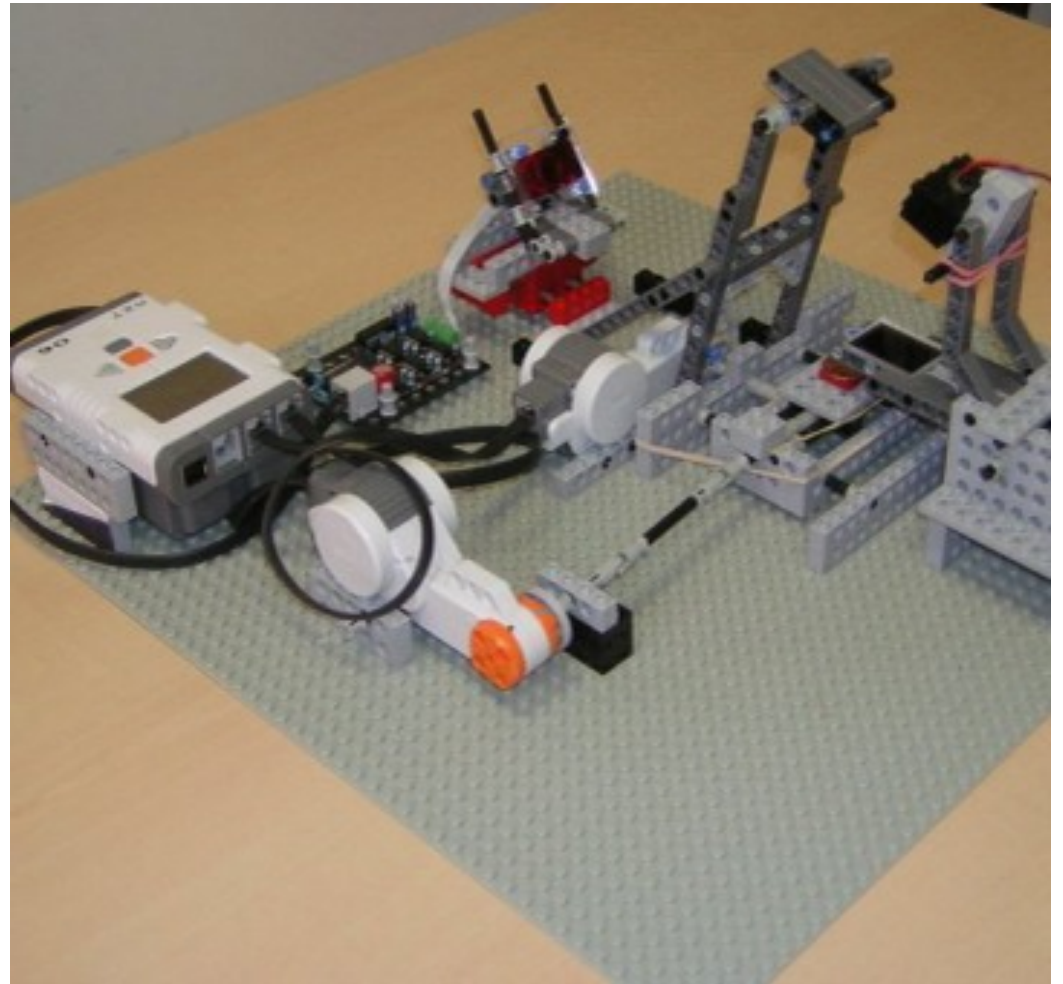


# Lego AFM

Working model (scaled)  
AFM able to scan a  
surface and provide  
surface topography.

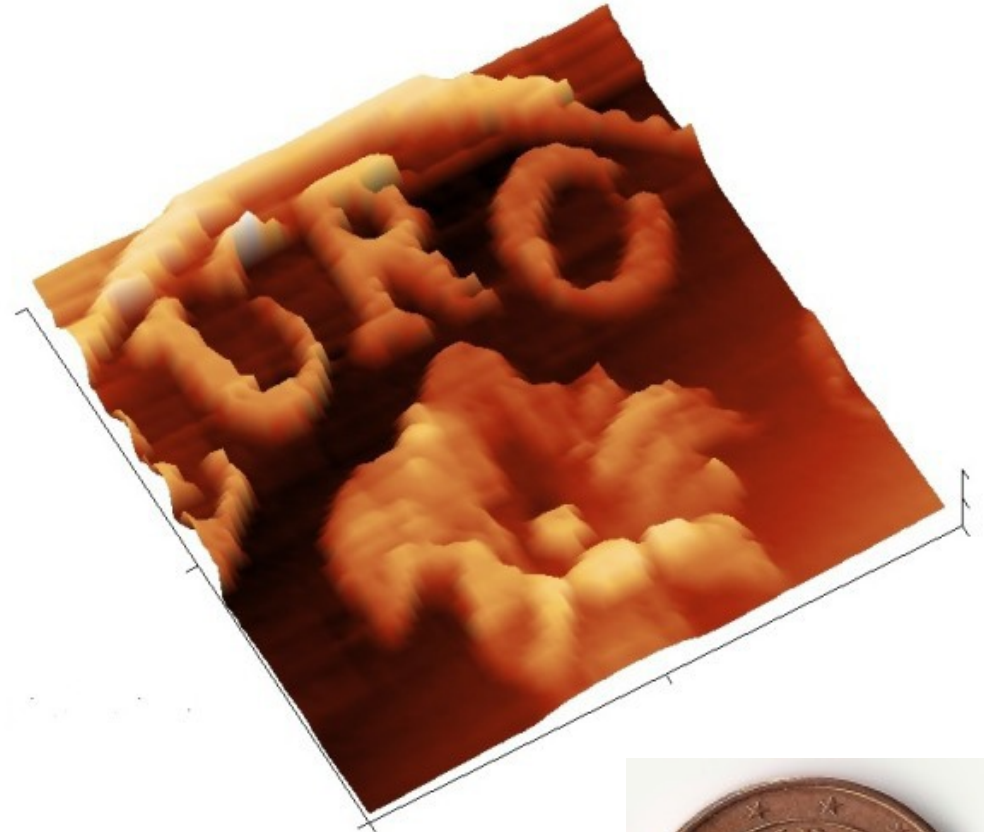
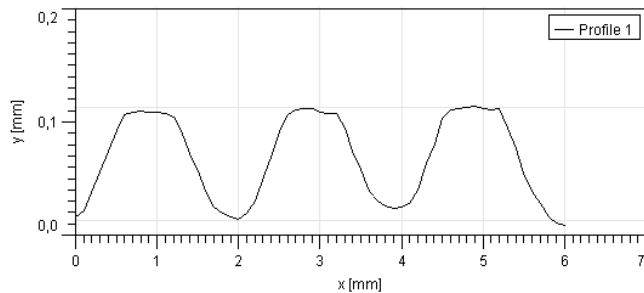
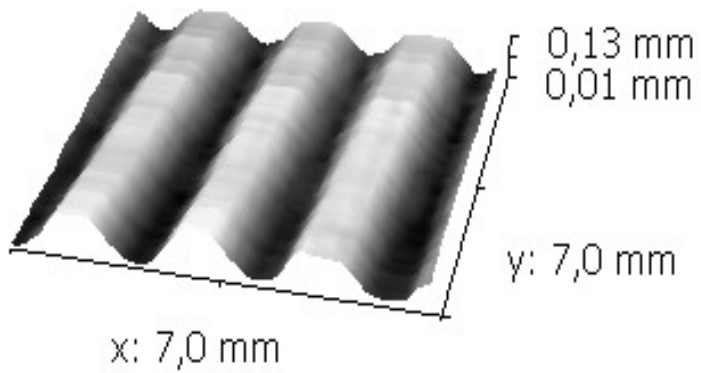
The optical beam  
deflection method is  
implemented.



# Lego AFM

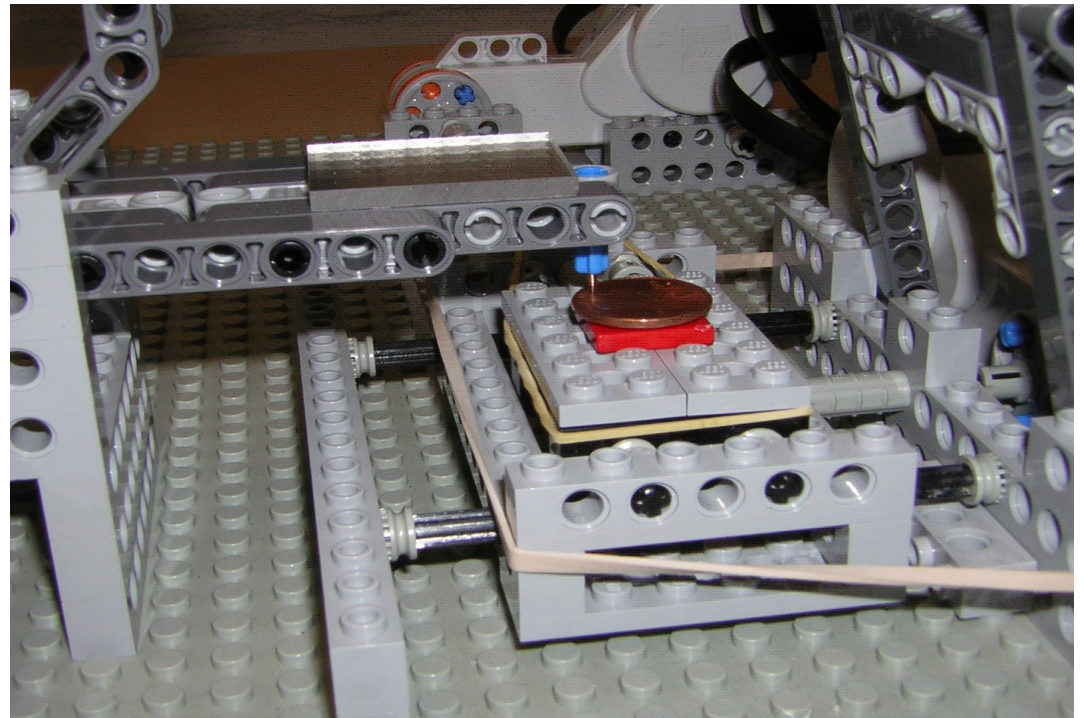
## current performance

- 70 x 70 pixel
- 7mm x 7mm scan area
- vertical resolution +/- 2,5  $\mu\text{m}$



# Lego AFM

More info and video at: [www.scienzaludica.it](http://www.scienzaludica.it)



Contact: Bruno Tiribilli  
[bruno.tiribilli@isc.cnr.it](mailto:bruno.tiribilli@isc.cnr.it)