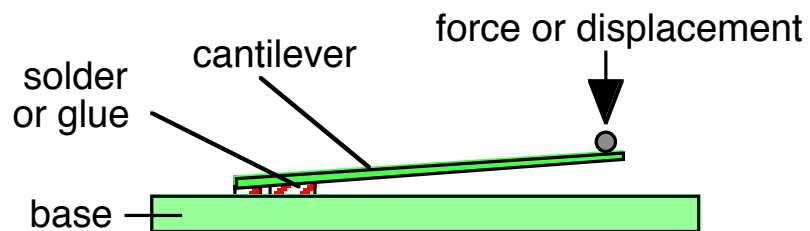


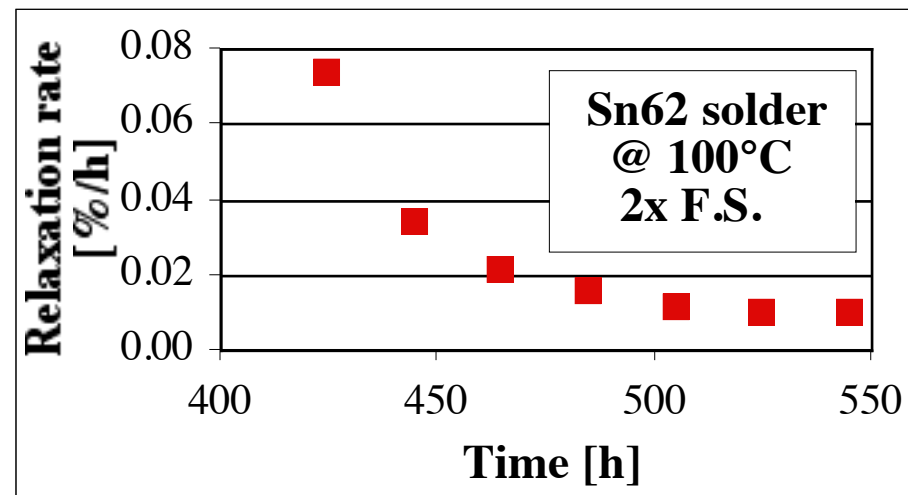
## Solder / glue assembly of cantilever bar force or displacement sensors

Thomas Maeder & Dominique Genoud

- Low-cost sensors based on piezoresistive thick film technology
- Surface-mount - style assembly of cantilever onto base
- Assembly with conductive glue or solder
- **Potential problem: creep of glue or solder**

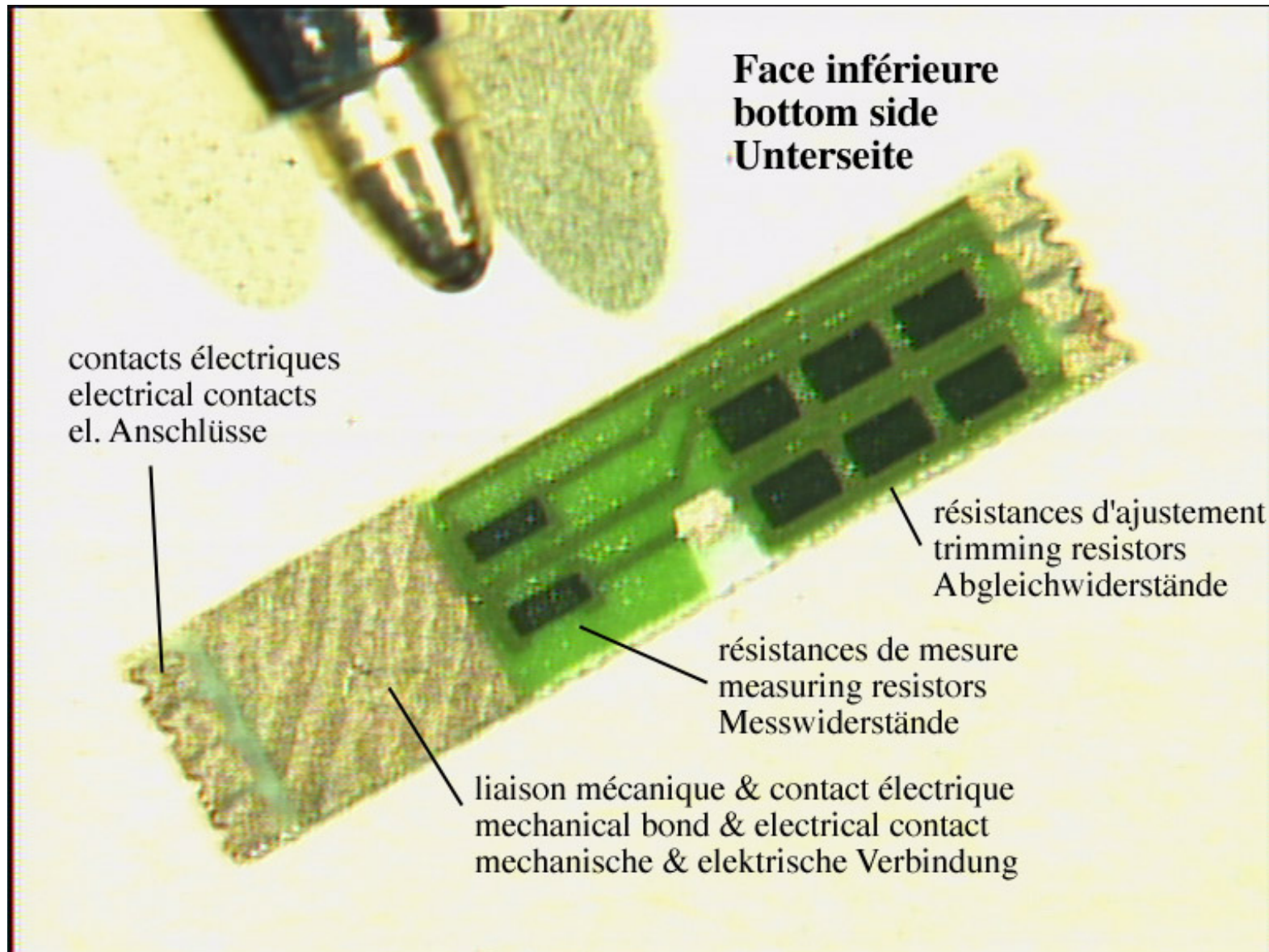


*sensor schematic*



*typical displacement sensor relaxation curve*

# Cantilever bar



# A basic sensor

