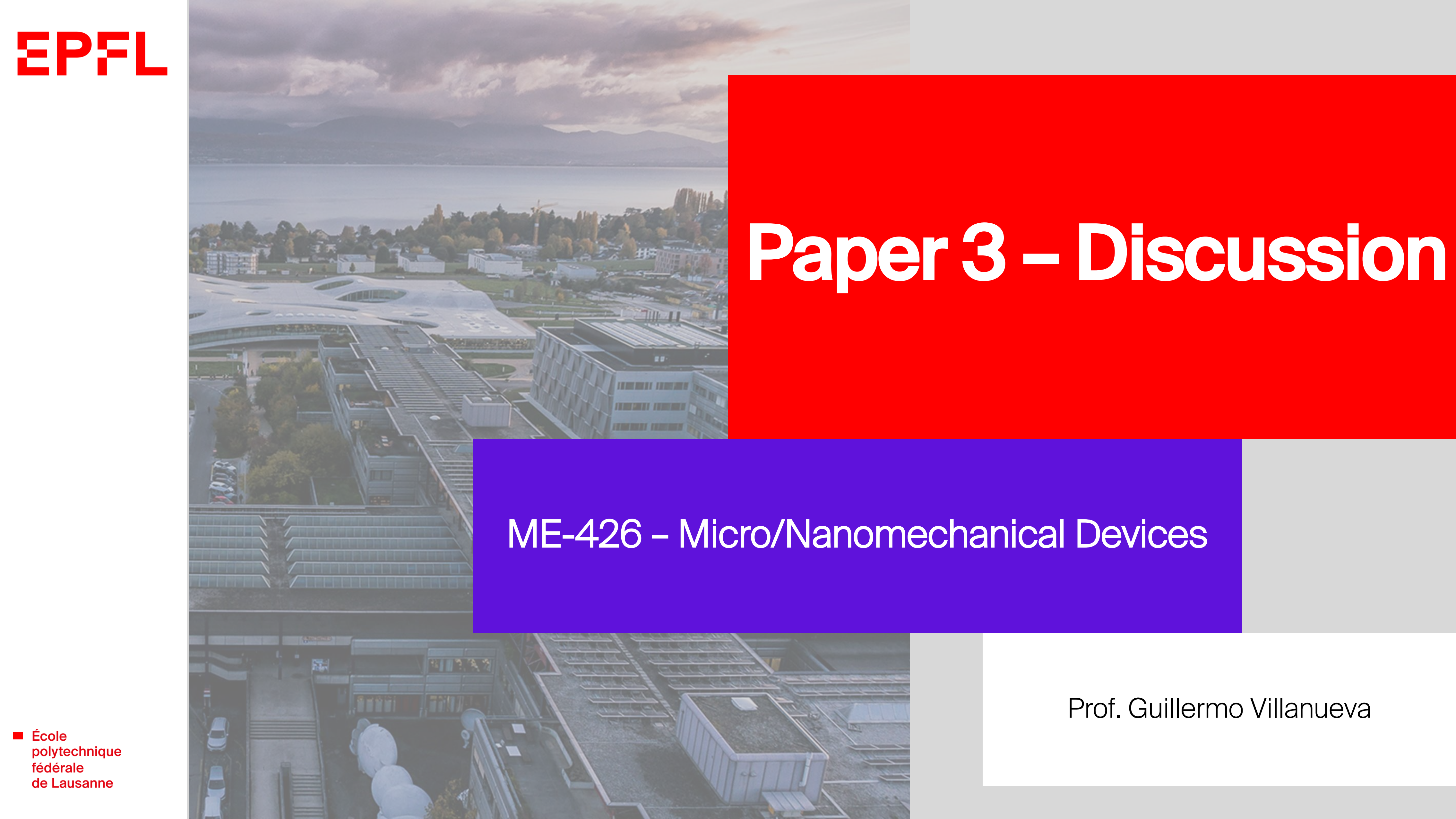


The background of the slide is a photograph of the EPFL campus in Lausanne, Switzerland. It shows modern buildings, a large lake, and mountains in the distance under a cloudy sky.

Paper 3 – Discussion

ME-426 – Micro/Nanomechanical Devices

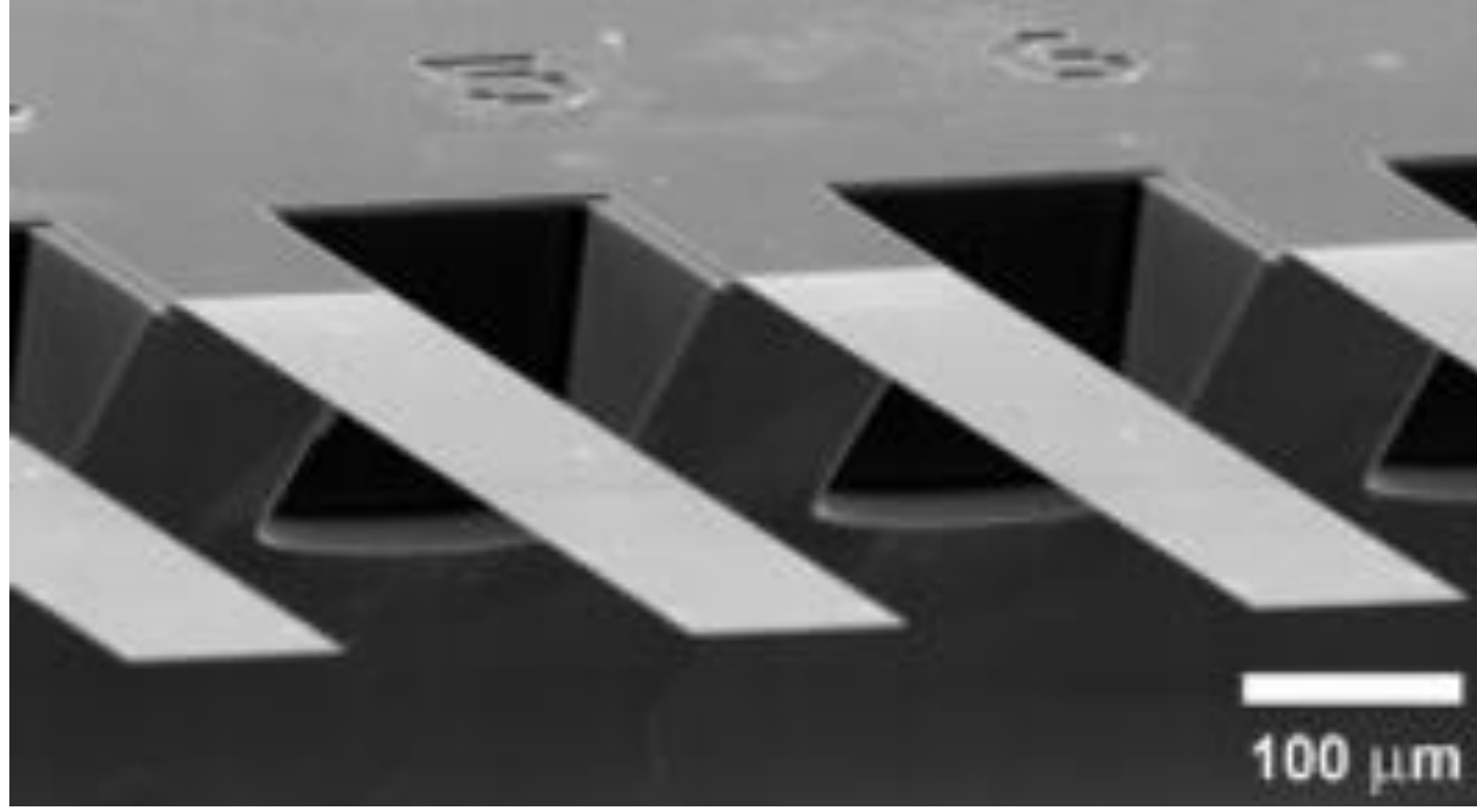
Prof. Guillermo Villanueva

EPFL Questions

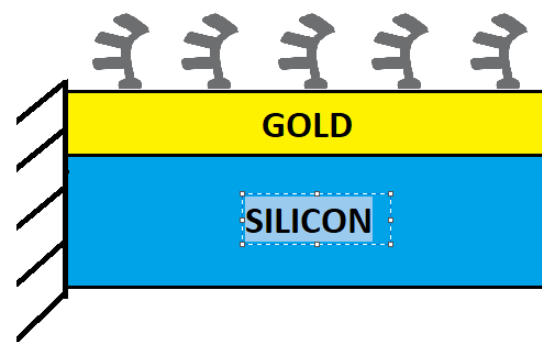
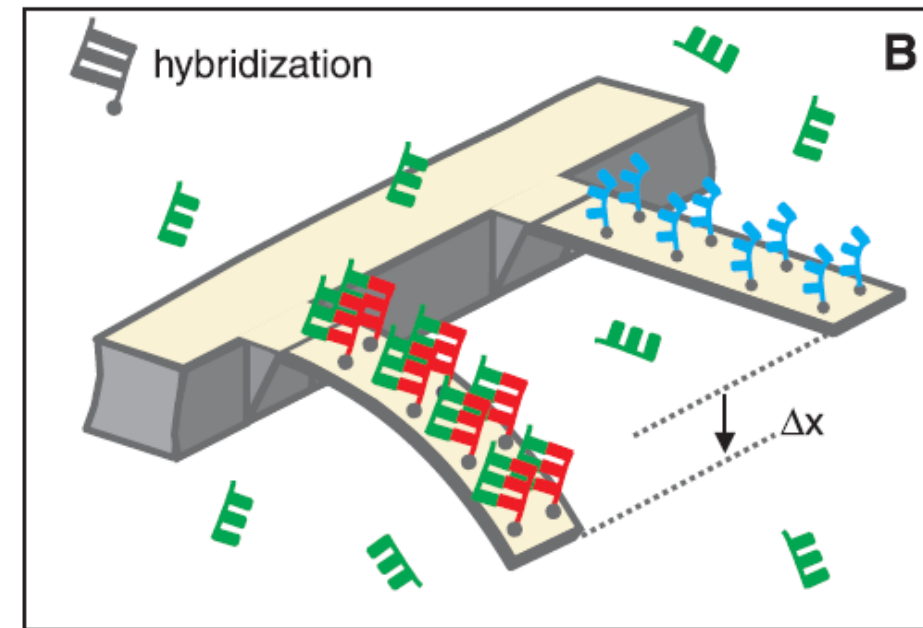
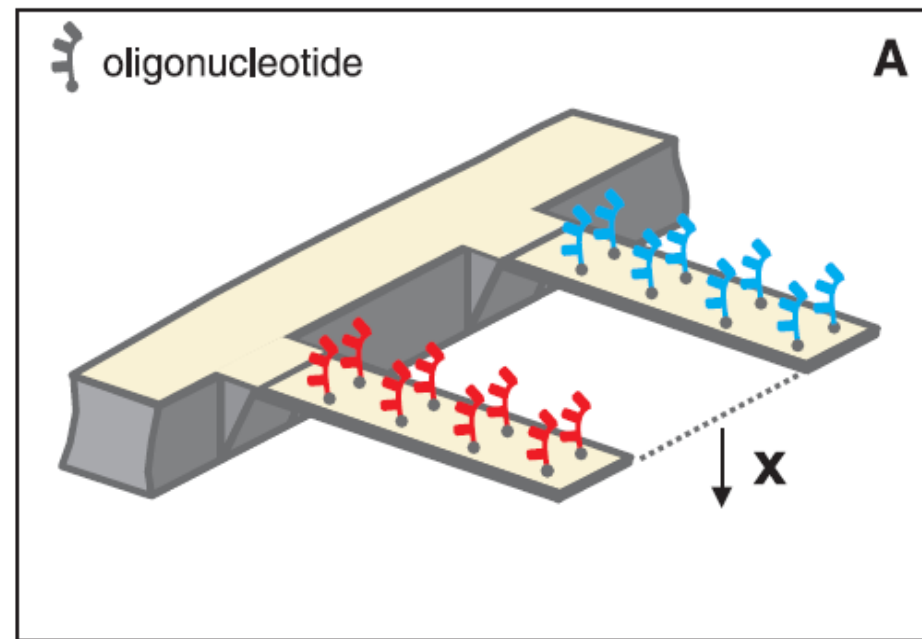
- How are the devices made?
- How are the cantilevers functionalized?
- Why is it necessary to have a reference device?
- How is T affecting?
- Can we reduce turbulences?
- If the order of the bases is different, can we still see the signal?
- Does it depend on the number of bases?
- How would you do the best cantilevers for this application?

EPFL Discussion

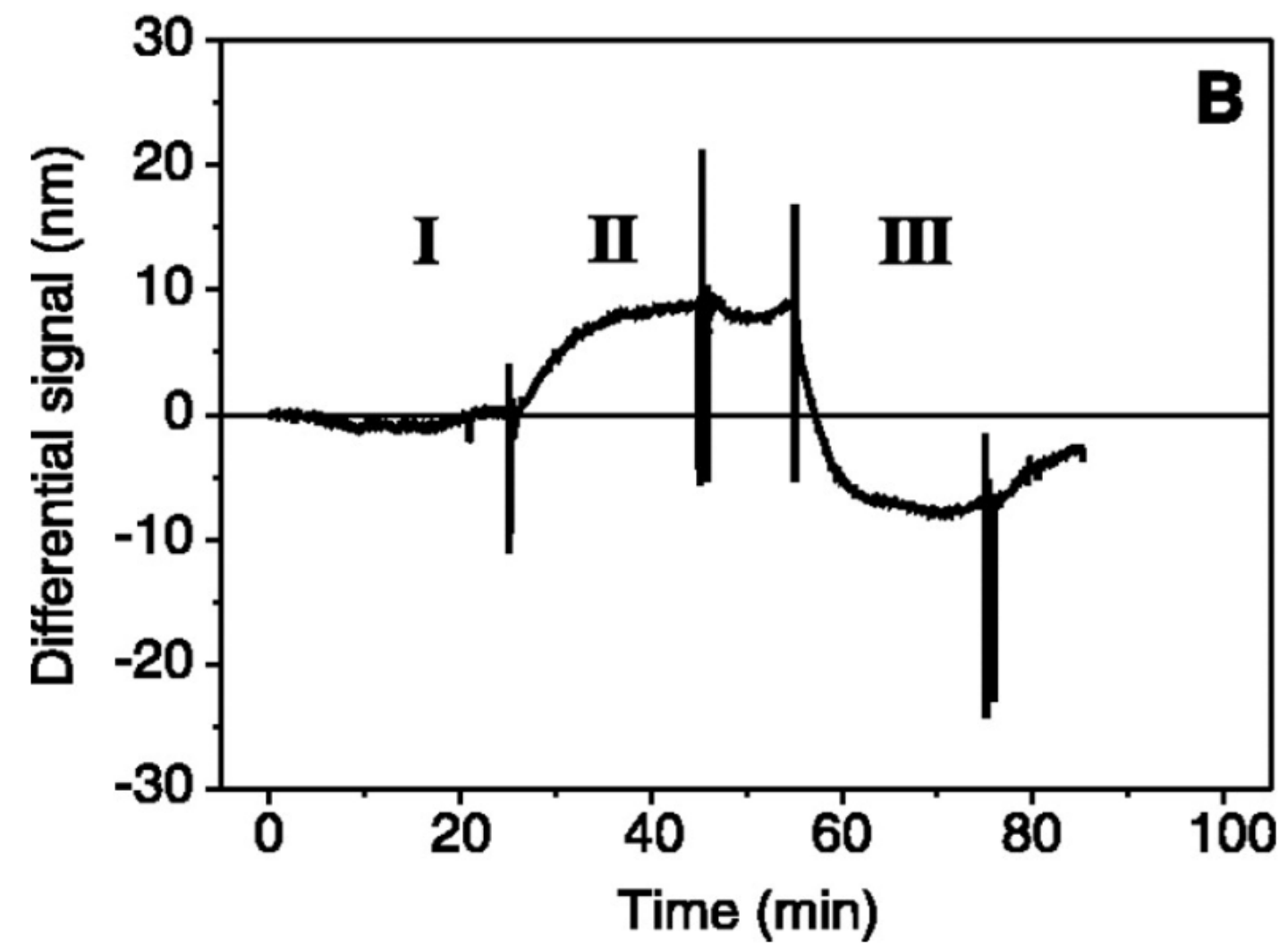
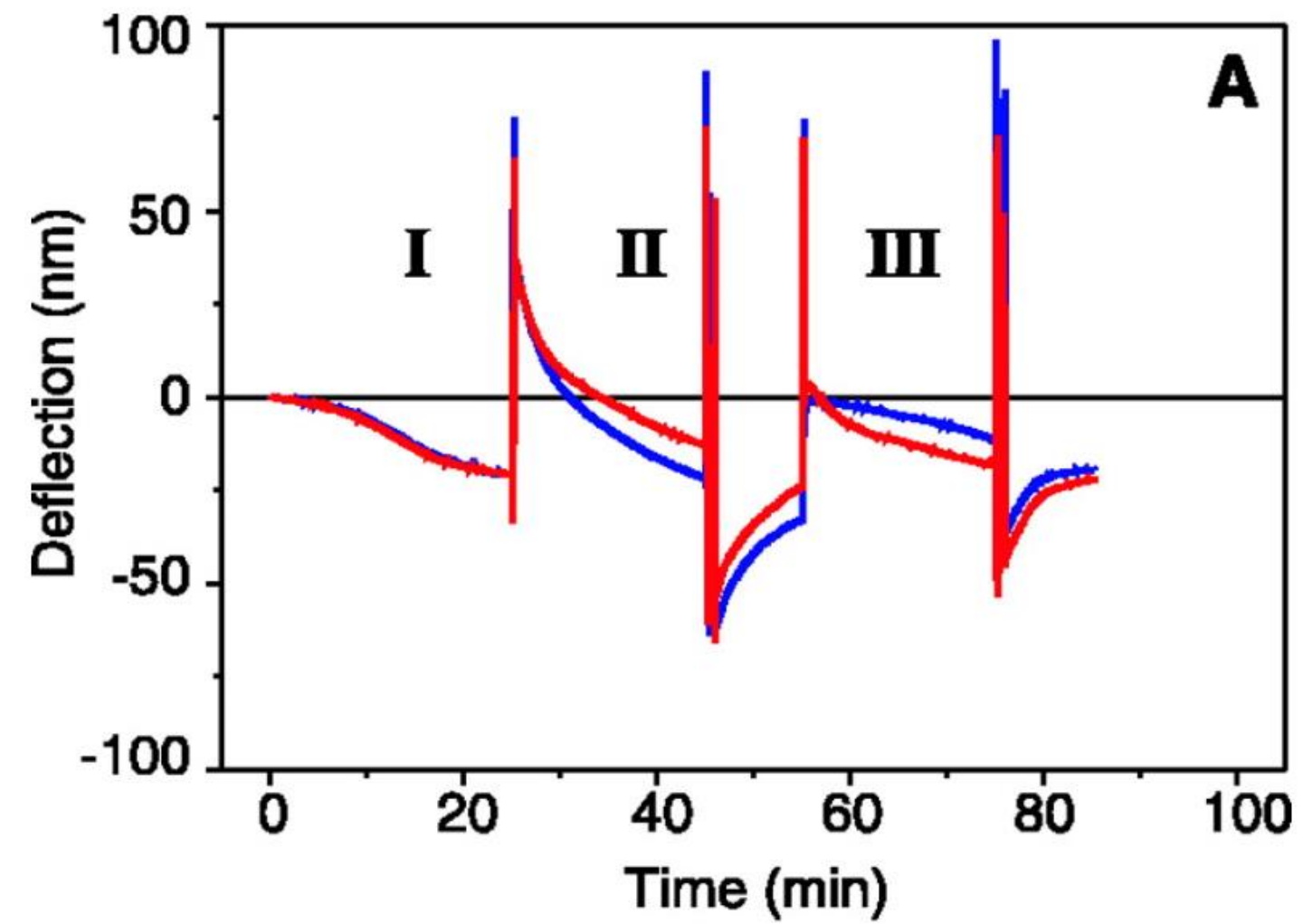
ME426 - Paper 3 - Surface Stress detection



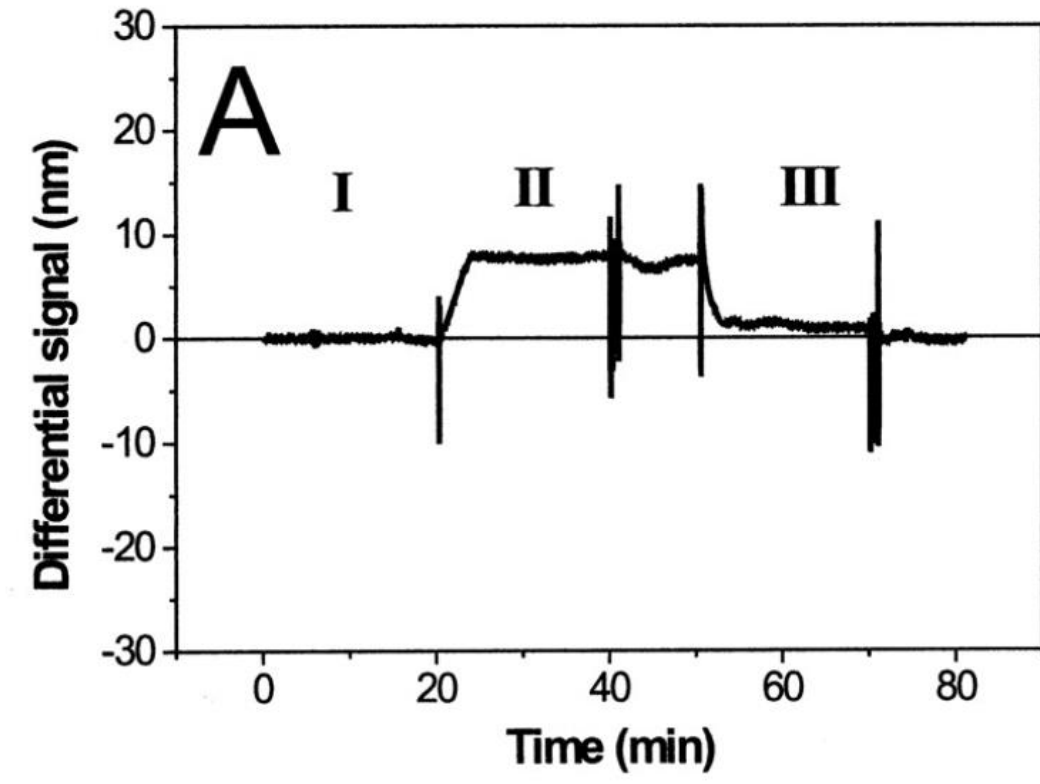
EPFL Discussion



EPFL Discussion



EPFL Discussion



5'-CTATGTCAGCAC-3'
5'-CTATGTAGCAC-3'

EPFL Discussion

