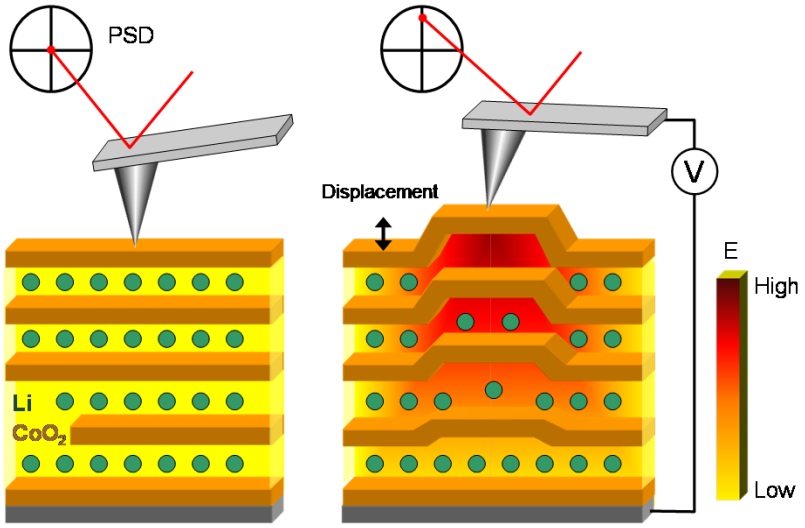
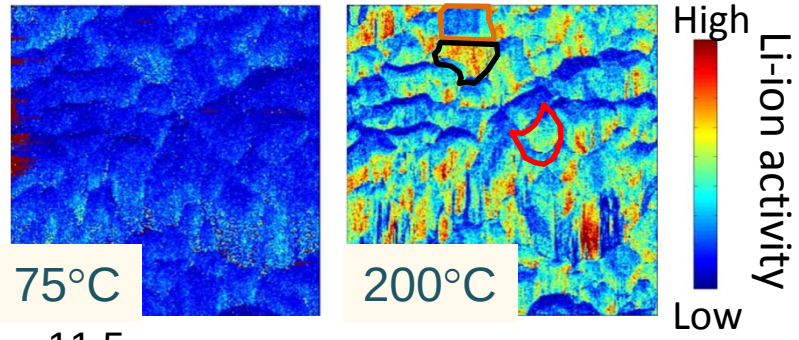
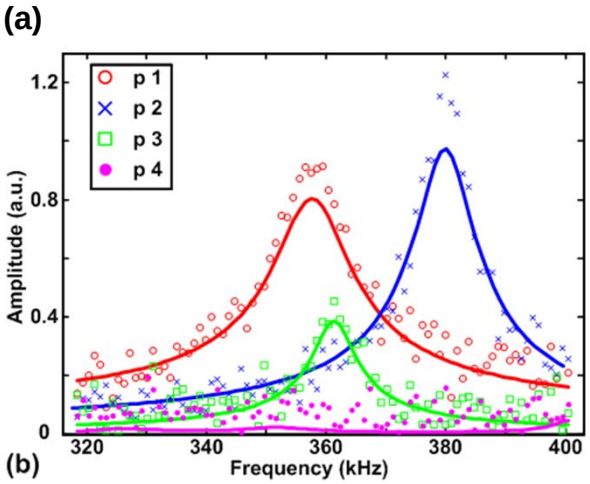
Electrochemical Strain Microscopy (ESM) –
new Method for Probing Li ion Mobility at Nanoscale

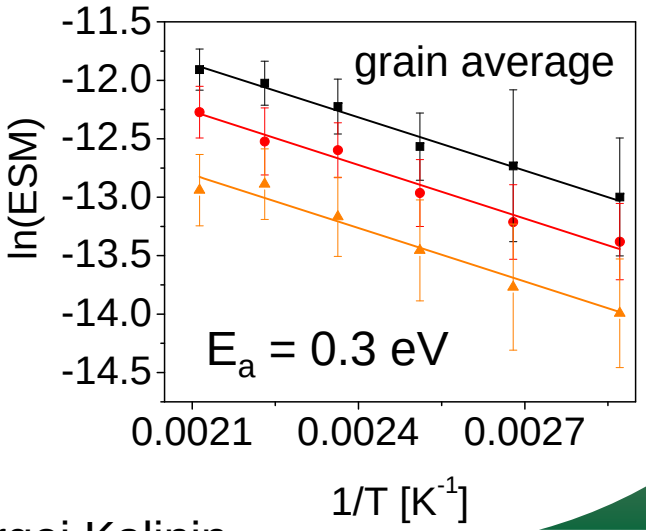


- Volume changes as function of Li content and orientation of the grains → ionic transport in sample
- Averages → D_{Li} and E_a

ESM = f(T) on $LiCoO_2$ (air)







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