

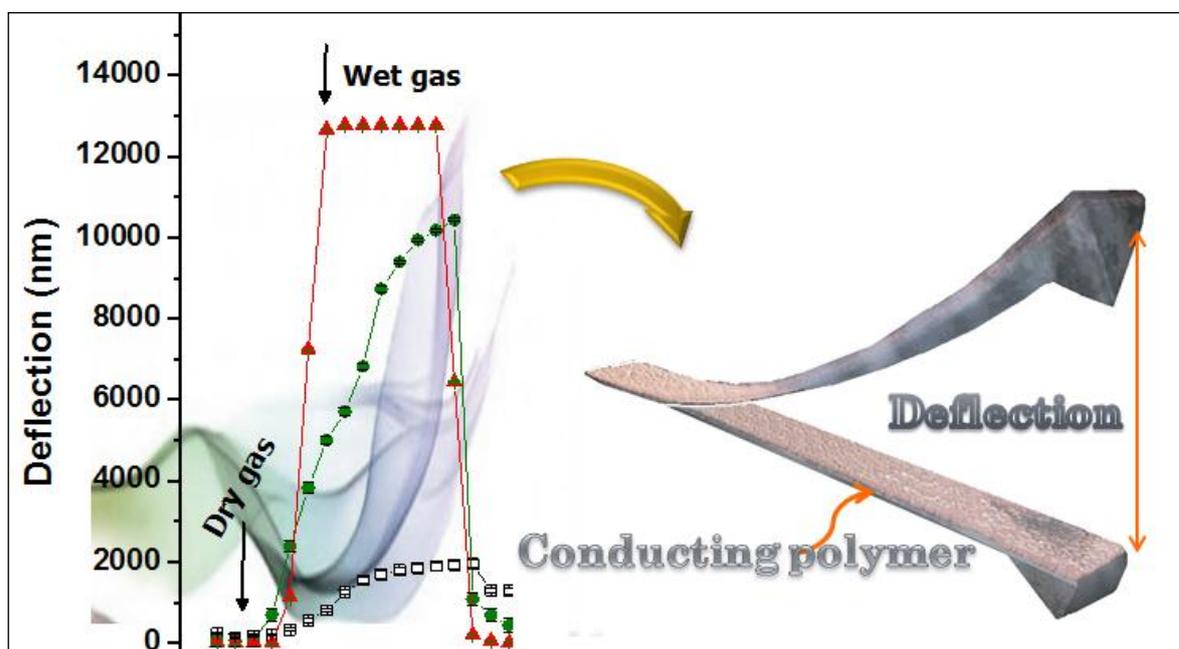
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Graphical Abstract

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3 The Figure 1 shows the cantilever behavior (deflection - nm) when submitted at
4 different humidity's using dry and wet nitrogen gas. The high sensitivity can be due the
5 tensile and compressive interfacial stress change of the adsorption/desorption molecules
6 by the conducting polymer deposited over the cantilever surface.

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