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There is currently a tremendous need for computational modelling and simulation at the nanoscale, in order to better study and understand specific phenomena, elaborate new materials and devices. Whether one's a theoretician or an experimentalist, the need remains... largely unmet.

Nanotimes is a simulation software editor, specialized in SPM simulation (STM, AFM, NFOM) and tailoring on-demand software tools to help the community better interpret nanoscale data.

My talk will first focus on a presentation of corporate Nanotimes and its mission towards the community. Second, I will present Nanotimes core activity and R&D strategy. Last, I will focus on an exemplary collaboration between Nanotimes and Dr. Jorge Iribas Cerda's work on the Green code that gave birth to the company's first product : Nt_STM. I will shed light upon the software's main features and interface, while Jorge will talk about the code behind the scene and its applications.