

Condensed Matter and Nanotechnology Division

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**Some new insights of informational entropies in chemistry**

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## **ABSTRACT**

In this talk, we will focus on the discussion of some of the informational entropies and their possible relationship among some concepts of chemistry such as hardness, chemical potential, among others, which are some of the main ingredients of the chemical reactivity theory. In this regard, we also discuss the use of informational entropies to describe some simple chemical reactions, and how this concept may be linked to important chemical changes, such as the process of bond-breaking and bond-forming.