
Towards a holistic view of DNA

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Abstract

DNA is a paradigm of a multiscale system. The study of DNA means to analyze at the simultaneously sub-Angstrom details and a meter-long fibre. Multiphysic approaches, combining different techniques need to be developed and used. I will summarize during my talk recent advances done in Barcelona on the multi-resolution description of DNA, giving examples on the type of information on DNA that can be extracted from such theoretical methods

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