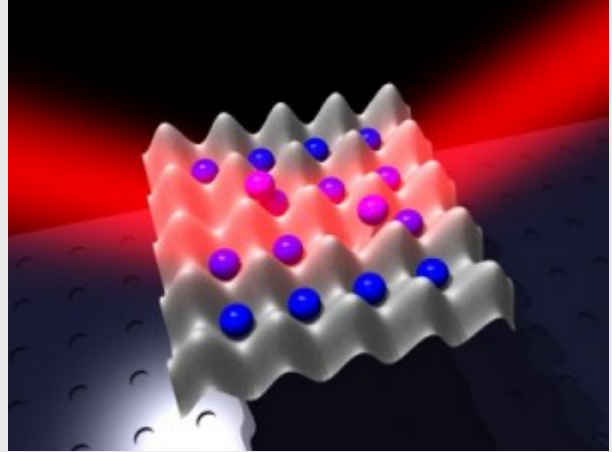


Quantum Information for Molecular Physics

Thursday, 26th January 2012. 12:00-13:00

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ABSTRACT:

I will make a presentation of the field of quantum information processing (QIP) from a general perspective, focusing then on our research on both the use of cold molecules for QIP tasks, and the use of QIP methods to address molecular physics problems, such as spectroscopy of molecular ions. I will finally discuss our ongoing research on controlled collisions with finite-range potentials.