

## kaonic atoms and nuclear clusters

*Wednesday, 14 May 2014 09:30 (30 minutes)*

In this talk I will review recent studies of kaonic atoms, few-body kaonic quasibound states and kaonic nuclei, with emphasis on implementing the sub-threshold energy dependence of the  $\bar{K}$ -N interaction in chiral interaction models that are consistent with the SIDDHARTA kaonic hydrogen data. Remarks will be made on the possible role of the p-wave  $\Sigma(1385)$  resonance with respect to that of the s-wave  $\Lambda(1405)$  resonance in searches for strange dibaryons

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**Session Classification:** Part 1