

## Recent progress on dynamically generated meson and baryon resonances

*Tuesday, 29 October 2013 17:00 (30 minutes)*

A sort review is made of the local hidden gauge approach to hadron interactions, extrapolating the chiral Lagrangians to the vector sector and showing how mesonic and baryonic resonances are generated. Then I shall discuss a new BES reaction on  $J/\psi \rightarrow \eta K\bar{K}$ , from where evidence is obtained of one  $h_1$  resonance predicted from the vector-vector interaction. Similarly, I shall discuss an new ELSA reaction,  $\gamma p \rightarrow K^0 \Sigma^0$ , which provides evidence for one of the baryon resonances predicted from the vector-baryon interaction. Then I shall discuss the generation of resonances in the charm and beauty sectors.

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