



# Einladung

zum Vortrag

von

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über

New Particle Searches at Belle

## Abstract

The recent discovery of several charmonium-like resonances indicates a renaissance of the  $\bar{c}c$  spectroscopy. Many of these so called  $XYZ$  states do not fit the conventional  $\bar{c}c$  spectrum which is described, so far successfully, by the quark models. This suggests that some of them might be exotic. Majority of these observations come from the Belle experiment and have been enabled by the large data sample provided by the KEKB factory.

In this talk the recent experimental evidences of the  $XYZ$  states will be presented along with discussion on future measurements which can shed light on the nature of these particles.

**Zeit:** Dienstag, 12.04.2011 - 09:30 Uhr s.t.

**Ort:** Stefan- Meyer- Institut  
für subatomare Physik  
1090 Wien, Boltzmann-gasse 3  
Seminarraum 2.08