Exotic Hadrons with Hidden Charm

Dr. Sebastian Neubert Physikalisches Institut, Universität Heidelberg

The hadron spectrum above the open charm threshold continues to surprise and challenges our understanding of confined systems of strongly interacting particles. While for the established mesons of the X,Y and Z families we have entered the era of precision measurements, new exotic resonances are still being discovered in the meson sector and lately in the baryon sector as well. This talk will review the status of the spectroscopy of these enigmatic hadrons with hidden charm and discuss recent experimental results from the pentaquark candidates to the evidence for multiflavor states.