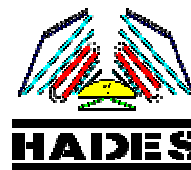


2nd HADES Summer School

"QCD, Chiral Symmetry and Hadrons in Matter"



September 10th - 15th, 2006
Kirchhundem-Rahrbach / Germany

Program

Monday	
9:00 - 10:00	Introduction: strong interactions at low and high energies <i>Stefan Leupold</i>
10:20 - 11:20	Symmetries of QCD (part I) <i>Stefan Leupold</i>
11:30 - 12:30	
14:30 - 17:00	exercises: field theory, degenerate quantum levels, explicit symmetry breaking

Tuesday	
9:00 - 10:00	Symmetries of QCD (part II) <i>Stefan Leupold</i>
10:20 - 11:20	Systematic approaches to QCD <i>Stefan Leupold</i>
11:30 - 12:30	
14:30 - 17:00	exercises: Dirac equation, gamma matrices, spontaneous symmetry breaking

Wednesday	
9:00 - 10:00	Phases of QCD and order parameters <i>Stefan Leupold</i>
10:20 - 11:20	
11:30 - 12:30	Astrophysics I <i>Jürgen Schaffner-Bielich</i>
14:30 - 17:00	Astrophysics II <i>Jürgen Schaffner-Bielich</i> exercises: classical harmonic oscillator

Thursday	
9:00 - 10:00	In-medium changes of Hadrons <i>Stefan Leupold</i>
10:20 - 11:20	
11:30 - 12:30	
14:30 - 17:00	exercises: resonance-hole branches, two-level model, level repulsion, Dalitz decay

Friday	
9:00 - 10:00	Experimental overview <i>Romain Holzmann</i>
10:20 - 11:20	
11:30 - 12:30	
14:30 - 17:00	