

Session 9: Hadron spectroscopy & exotics

Session conveners:

Gunar Bali (Glasgow)
Estia Eichten (FNAL)
Claudia Patrignani (Genova)

Beige Hall

Friday, July 28, 2006

Session I

09:00 – 11:00

Chair: **David Besson**

Secretaries: **Andrey Radzhabov**
Alexander Pimikov

09:00 – 09:30	Lattice approach for threshold states	Craig McNeile (Liverpool)
09:30 – 09:40	The experimental investigation of the missing N^* - and D^- resonance problem	Viktor Sumachev (PNPI RAS)
09:40 – 09:55	Charmed and light meson spectroscopy at Belle	Jolanta Brodzicka (Krakow)
09:55 – 10:10	Study of recently observed mesonic charm states with the BaBar experiment and possible observation of new states	Daniele del Re (Roma La Sapienza)
10:10 – 10:25	Study of charmed baryons with the BaBar experiment	Brian Peterson (Stanford)
10:25 – 10:40	Observation of new baryonic charm states and search for pentaquarks with the BaBar experiment	Peter Kim (SLAC)
10:40 – 11:00	Charmed baryon spectroscopy at Belle	Roman Mizuk (BINP RAS)

Session II

11:30 – 13:00

Chair: **Ian Shipsey**

Secretaries: **Andrey Radzhabov**
Alexander Pimikov

11:30 – 11:50	Latest results on B-hadron spectroscopy from CDF	Igor Gorelov (New Mexico)
11:50 – 12:20	New Spectroscopy	Roberto Mussa (Torino)
12:20 – 12:35	Quarkonium spectroscopy with the BaBar experiment	Xinchou Lou (Dallas)
12:35 – 13:00	Charmonium and charmonium-like mesons at Belle	Gobinda Majumder (TIFR, Mumbai)

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Session III

14:30 – 16:00

Chair: **Estia Eichten**

Secretaries: **Andrey Radzhabov**
Alexander Pimikov

14:30 – 14:45	Y(4260) at CLEO	Ian Shipsey (Purdue)
14:45 – 15:00	New results on the X(3782) from CDF	Michal Kreps (Karlsruhe)
15:00 – 15:15	Search for Bottom counterpart of X(3872) and Y(4260) via $\pi^+\pi^-$ Upsilon	George Hou (Taiwan)
15:15 – 15:30	X(3872) in the coupled-channel model	Yulia Kalashnikova (ITEP)
15:30 – 15:45	Measurement of R values in between 3.65 and 3.87 GeV and branching fractions for $\psi(3770) \rightarrow D^0\bar{D}^0$, D^+D^- and $\psi(3770) \rightarrow \text{non-DD}$	Rong Gang (IHEP Beijing)
15:45 – 16:00	Measurement of ψ , ψ' , ψ'' and tau-lepton masses at VEPP-4M	Yury Tikhonov (BINP RAS)

Session IV

16:30 – 18:30

Chair: **Roberto Mussa**

Secretaries: **Andrey Radzhabov**
Alexander Pimikov

16:30 – 17:00	Quarkonium transitions	Estia Eichten (FNAL)
17:00 – 17:20	Charmonium decays at CLEO	Tomasz Skwarnicki (Syracuse)
17:20 – 17:40	Upsilon decays at CLEO	David Besson (Kansas)
17:40 – 17:55	New observations on hadron spectroscopy at BESII	Shan Jin (IHEP Beijing)
17:55 – 18:10	The lowest scalar resonance of QCD	Irinel Caprini (Bucharest)
18:10 – 18:25	Mixing of scalar mesons and glueball	Hai-Yang Cheng (Academia Sinica)

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Main Hall

Saturday, July 29, 2006

Session V

09:00 – 11:00

Chair: **Claudia Patrignani**

Secretaries: **Andrey Radzhabov**
Grigory Vartanov

09:00 – 09:10	Evidence for the tensor glueball	Andrey Sarantsev (PNPI RAS)
09:10 – 09:20	Partial wave decomposition and decay widths of baryons in the spin-momentum operator expansion method for combined partial wave analysis of single and double meson production data	Alexey Anisovich (PNPI RAS)
09:20 – 09:35	Kloe results on eta and etaprime physics	Biagio Di Micco (Roma Tre)
09:35 – 09:45	Kloe results on scalars from radiative phi decays into $\pi^+\pi^-\gamma, \pi^0\pi^0\gamma$	Federico Nguyen (Roma Tre)
09:45 – 09:55	A search for the theta+baryon in neutrino interactions in the NOMAD experiment	Vincenzo Cavasinni (Pisa)
09:55 – 10:10	Search for strange pentaquark and other exotic resonances with the H1 detector at HERA	Jan Olsson (DESY)
10:10 – 10:25	Charm spectroscopy and exotics at ZEUS	Leonid Gladilin (Moscow)
10:25 – 10:40	Study of scalar meson $f_0(980)$ in charmed D meson decays	Olivier Leitner (LPNHE)
10:40 – 10:50	Experimental study of resonant-like structure in the pion production reaction on the Nuclotron	Vladimir Krasnov (JINR)
10:50 – 11:00	Study of narrow baryon resonance decaying into pK0s in pA interactions at 70 GeV/c with SVD-2	Vsevolod Popov (MSU)