

Session 10: Heavy quark physics

Session conveners:

Nora Brambilla (Milano)
Thomas Mannel (Siegen)
Masahiro Morii (Harvard)

Main Hall

Thursday, July 27, 2006

Session I

14:30 – 16:05

Chair: **Nora Brambilla**
Secretaries: **Renat Sadykov**
Dmitry Bogachev

14:30-14:50	Charmless two-body B decays at Belle	Jasna Dragic (KEK)
14:50-15:05	Study of two-body charmless B decays with the BABAR experiment	Marcella Bona (LAPP Annecy)
15:05-15:30	Status of Standard Model calculation of b to s	Tobias Hurth (CERN)
15:30-15:50	Study of multi-body charmless B decays with the BABAR experiment	Thomas Latham (Warwick)
15:50-16:05	Three-body B decays at Belle	Jan Schuemann (National Taiwan Univ.)

Session II

16:30 – 18:35

Chair: **Thomas Mannel**
Secretaries: **Renat Sadykov**
Dmitry Bogachev

16:30-16:55	Review on recent development in SCET	Thorsten Feldmann (Siegen)
16:55-17:15	Properties of charmed hadron decays at Belle	Timofey Uglov (ITEP)
17:15-17:30	Study of the decays of charm mesons with the BABAR experiment	Mario Bondioli (UC Irvine)
17:30-17:50	Hadronic charm decays at CLEO	Steve Blusk (Syracuse)
17:5-18:05	Penguin amplitudes in hadronic B decays: NLO spectator scattering	Sebastian Jaeger (Aachen)
18:05-18:20	Leptonic charm decays at CLEO	Sheldon Stone (Syracuse)
18:20-18:35	Upsilon(5S) decays at CLEO	Ian Shipsey (Purdue)

Red Hall

Saturday, July 29, 2006

Session III

09:00 – 11:00

Chair: **Masahiro Morii**
Secretaries: **Alexander Bednyakov**
Alexey Nechaev

09:00-09:15	Review on heavy quark mass extraction	Johann Kuehn (Karlsruhe)
09:15-09:35	Shape function from radiative B decays with the BABAR experiment	Mark Convery (SLAC)
09:35-09:50	Radiative B decays at Belle	Antonio Limosani (KEK)
09:50-10:05	Explicit form of the Isgur-Wise function in the BPS limit	Luis Oliver (LPT Orsay)
10:05-10:25	$B \rightarrow u l \nu$ decays and measurement of V_{ub} with the BABAR experiment	Rolf Dübitzky (Heidelberg)
10:25-10:40	Exclusive $B \rightarrow X u l \nu$ decays at Belle and extraction of $ V_{ub} $	Christoph Schwanda (Vienna)
10:40-11:00	Semileptonic charm decays at CLEO	Yongsheng Gao (Southern Methodist Univ.)

Session IV

11:30 – 13:05

Chair: **Nora Brambilla**
Secretaries: **Alexander Bednyakov**
Alexey Nechaev

11:30-11:50	$B \rightarrow X c l \nu$ spectrum at Belle and extraction of $ V_{cb} $	Phillip Urquijo (Melbourne)
11:50-12:05	$b \rightarrow c l \nu$ decays and measurement of V_{cb} with the BABAR experiment	David Lopes Pegna (LBNL)
12:05-12:20	Top, bottom and charm at threshold	Alexander Penin (Karlsruhe/INR)
12:20-12:35	Measurements of $t\bar{t}$ production by CDF	Chris Hill (UC Santa Barbara)
12:35-12:50	Measurement of top quark properties by CDF	Aafke Kraan (Pennsylvania)
12:50-13:05	D0 results on top production/properties	Stefan Anderson (Arizona)

Session V**14:30 – 16:05****Chair: Thomas Mannel**
Secretaries: Alexander Bednyakov
Alexey Nechaev

14:30-14:55	Semileptonic decays of heavy baryons in the relativistic quark model	Rudolf Faustov (Russian Academy of Sciences)
14:55-15:15	D0 results on B hadron properties	Andrei Nomerotski (Oxford)
15:15-15:35	CDF measurements of B hadron properties	Frank Wurthwein (UC San Diego)
15:35-15:50	Lifetimes and mixing of heavy hadrons	Alexey Petrov (Wayne State)
15:50-16:06	D0 hot B physics topics	Wendy Taylor (York)

Session VI**16:30 – 18:20****Chair: Masahiro Morii**
Secretaries: Alexander Bednyakov
Alexey Nechaev

16:30-16:50	Study of B decays to open charm final states with the BABAR experiment	Giovanni Calderini (Pisa)
16:50-17:05	b \rightarrow c hadronic B decays at Belle	Simon Blyth (National Taiwan Univ.)
17:05-17:20	Double charm production at e ⁺ e ⁻ annihilation	Anatoly Likhoded (IHEP Protvino)
17:20-17:35	Hot topics on heavy quark physics from BABAR	Usha Mallik (Iowa)
17:35-17:50	Hot topics from Belle	Alexey Drutskoy (Cincinnati)
17:50-18:05	Masses and decay constants of the B mesons	Alla Badalian (ITEP)
18:05-18:20	Recent results of charmonium decays at BESII	Ronggang Ping (IHEP Beijing)