

Revised CHARM2012 plenary program (as of May 15, 2012)
Talks are 27 min + 3 min for questions

Day 1

Session Chair: Fred Harris (UH)

8:00-9:00 Registration

9:00-9:20 Welcome from William Ditto, Dean of the College of Natural Sciences

9:20-9:50 A. York (Tennessee), LHC results on charmonium production (ψ , ψ' and χ_c)

9:50-10:30 Coffee Break

Session Chair: Mike Peters (UH)

10:30-11:00 P. Robbe (Orsay), LHC results on open charm, $\sigma(J/\psi J/\psi)$ and $X(3872)$ production

11:00-11:30 B. Casey (FNAL), Review of Charmonium production and polarization at the Tevatron

11:30-12:00 G. Bodwin (Argonne), Theory of charmonium production

Lunch (12:00-13:30)

Session Chair: Jeff Appel (FNAL)

13:30-14:00 M. Masera (Torino), LHC results on charm in heavy ions

14:00-14:30 B. Hong (Korea U), LHC results on charmonium in heavy ions

14:30-15:00 C. Franco (Lisbon, LIP), Delta G from open charm

15:00-15:30 Coffee Break

Session chair: Yangheng Zheng (GUCAS)

15:30-16:00 N. Brambilla (Milano), Theory of α_s , m_c extraction

16:00-16:30 X. Shen (IHEP, Beijing), Radiative decays of the ψ , ψ'

16:30-17:00 R. Mitchell (Indiana), Review of χ_c spectroscopy

17:00-17:30 J. Bian (Minnesota), Review of h_c , η_c and η_c'

17:30-18:00 D. Mohler (Graz), Lattice results on charmonium

18:00-18:30 B.G. Cheon (Hanyang), Charmed Baryon Decays and their Symmetries

18:30-20:00 Reception (East-West Center)

Day 2

Session chair: Z. Zhao (USTC)

8:30-9:00 C. Liu (CMU), Results on semileptonic D decays

9:00-9:40 A. Zupanc (Karlsruhe), New Belle result on f_{D_s}
(+ short overview of exp status of f_{D_s} , f_D)

9:40-10:10 C. Tarantino (Roma), Review of Lattice results on f_D etc

10:10-10:45 Coffee Break

10:45-11:15 M. Purohit (South Carolina), Dalitz Amplitude Analyses of D Decays

11:15-11:45 F. Dettori (NIKHEF), Results on Rare Charm Decays
(e.g. $D^0 \rightarrow \mu^+ \mu^-$, $h \mu^+ \mu^-$, $\gamma \gamma$)

Lunch (12:00-13:30)

Session chair: Haibo Li (IHEP)

13:30-14:00 G. Punzi (Pisa), CPV in $D \rightarrow h h$, $D^0 \rightarrow K_s \pi \pi$

14:00-14:30 A. Carbone (Bologna), CPV in $D \rightarrow h h$ from LHCb

14:30-14:50 Discussion

14:50-15:30 Coffee Break

15:30-16:00 E. White (Cincinnati), CPV in $D \rightarrow h h$ and new $R_{WS}(K 3\pi)$

16:00-16:30 Z. Ligeti (LBNL), Theory of CPV in $D \rightarrow h h$

16:30-17:00 H.Y. Cheng (Academica Sinica), Direct CPV in $D \rightarrow h h$

17:00-17:30 B. Bhattacharya (Montreal), Direct CPV in $D \rightarrow h h$ + nonleptonic charm

Day 3

- Session chair: Tom Browder (UH)
- 8:30-9:00 M. Bobrowski (Karlsruhe), Short Distance D-Dbar mixing
9:00-9:30 M. Staric (Ljubljana), New Belle results on D-Dbar mixing
9:30-10:00 N. Neri (Milano), HFAG mixing averages and other
e+ e- B factory mixing results
- 10:00-10:30 Coffee break
- Session chair: Sandip Pakvasa (UH)
- 10:30-11:00 Roy Briere (Carnegie Mellon),
Phases and mixing using quantum correlations at
CLEOc and BESIII
- 11:00-11:30 A. Petrov (Wayne State), Long distance mixing, CPV and rare
charm
- 11:30-12:00 J. Marks (Heidelberg), LHC and Tevatron mixing results

Lunch (12:00-13:30)

Parallel Sessions (13:30-18:30, coffee break at 15:30)
Mixing, CPV, Rare, Charm Amplitude Session
New Hadrons and Spectroscopy Session
Charm Production and Future Facilities Session

18:30-20:30 Banquet (East-West Center)

Day 4

- Session chair: Roberto Mussa (UH/Torino)
- 8:30-9:00 W. Gradl (Mainz), New results on X, Y, Z states
9:00-9:30 L. Piilonen (VPI), New results on X, Y, Z states
9:30-10:00 A. A. Alves Junior (Roma), New results on the
spectroscopy of X, Y, Z states from LHC experiment
- 10:00-10:30 Coffee break
- Session chair: Ulrich Weidner (Bochum)
- 10:30-11:00 A. D. Polosa (Roma), Theory of X, Y, Z
11:00-11:30 E. Braaten (OSU), Theory of X, Y, Z

Lunch (12:00-13:30)

- Session chair: Gene Golowich (U Mass)
- 13:30-14:00 Milind Purohit (South Carolina),
Charm Physics Program at SuperB
- 14:00-14:30 Alan Schwartz (Cincinnati), Charm Physics Program at
Belle II
- 14:30-15:00 M. Pelizaeus (Bochum), Charmonium and Charm Physics
Program at PANDA
- 15:00-15:30 Coffee break
- 15:30-16:00 A. Bogomyagkov (BINP), BINP tau charm plans
and other projects in Turkey/China.
- 16:00-16:30 M. Gersabeck (CERN), Charm Physics Program
at the LHCb upgrade, and ATLAS and CMS upgrades
- 16:30-17:00 G. Rong (IHEP, Beijing),
Review of results on leptonic D decays
- 17:00-17:30 Y. Grossman (Cornell), Theory summary
17:30-18:00 S. Olsen (Seoul/SNU), Experimental Summary

