Curriculum Vitae

James G. Smith

Department of Physics University of Colorado Boulder, CO 80309-0390

Born: December 29, 1946, Tulsa, Oklahoma

Education: B.S., Massachusetts Institute of Technology, 1968

Ph.D., University of California, San Diego, 1975.

Positions: Professor Attendant Rank, University of Colorado 9/99 -

Associate Professor Attendant Rank, University of Colorado

Assistant Professor Attendant Rank, University of Colorado

Research Associate, University of Colorado

PostGrad Research Physicist, University of California, San Diego

6/75 - 9/76

Research Assistant, University of California, San Diego 6/69 - 5/75 Teaching Assistant, University of California, San Diego 9/68 - 5/69

Honors/Awards: Fellow, American Physical Society 2005

Bibliography: 444 journal articles, 11 invited talks, 63 technical reports

Selected Peer Reviewed Publications

During the past three years, I have been an author on about 150 BABAR publications. The publications listed below represent papers published in the last three years for which I played a substantial role.

- 1. Branching Fraction Limits for B^0 Decays to $\eta \eta'$, $\eta' \circ$ and $\eta \circ$, B. Aubert *et al.* (*BABAR* Collaboration), Phys. Rev. D **73**(2006), 071102.
- 2. Measurement of branching fractions and charge asymmetries in B^+ decays to η^- , ηK^+ , η^- and η^- , and search for B^0 decays to ηK^0 and $\eta \omega$, B. Aubert *et al.* (*BABAR* Collaboration), Phys. Rev. Lett. **95**(2005), 131803.
- 3. Measurement of Branching Fraction and Time-Dependent CP-Violating Asymmetries in $\eta'K$ Decays, B. Aubert et~al.~(BABAR~Collaboration), Phys. Rev. Lett. **94**(2005), 191802.

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4. Measurements of B meson decays to ωK^* and ω , B. Aubert *et al.* (BABAR Collaboration), Phys. Rev. D **71**(2005), 031103.

- 5. Search for B-Meson Decays to Two-body Final States with $a_0(980)$ Mesons, B. Aubert et al. (BABAR Collaboration), Phys. Rev. D 70(2004), 111102.
- 6. Searches for B^0 Decays to Combinations of Charmless Isoscalar Mesons, B. Aubert *et al.* (BABAR Collaboration), Phys. Rev. Lett. **93**(2004), 181806.
- 7. Study of high momentum η' production in $B \to \eta' X_s$, B. Aubert *et al.* (BABAR Collaboration), Phys. Rev. Lett. **93**(2004), 061801.
- 8. B meson decays to $\eta^{(\prime)}K^*$, $\eta^{(\prime)}$, $\eta^{(\prime)}$, ω , and 0, B. Aubert et al. (BABAR Collaboration), Phys. Rev. D **70**(2004), 032006.
- 9. Observation of $B^0 \to \omega K^0$, $B^+ \to \eta^-$, and $B^+ \to \eta K^+$ and Study of Related Decays, B. Aubert *et al.* (BABAR Collaboration), Phys. Rev. Lett. **92**(2004), 061801.
- 10. Measurements of CP-violating Asymmetries and Branching Fractions in B Meson Decays to $\eta'K$, B. Aubert et al. (BABAR Collaboration), Phys. Rev. Lett. $\mathbf{91}(2003)$, 161801.

Conference talks

- 1. Review of Rare Hadronic B Decays, J. G. Smith, in Proceedings of the Fourth Flavor Physics & CP Violation Conference, April 9-12, 2006 Vancouver, Canada, (2006).
- 2. Rare B decays to hadronic final states from BABAR, J. G. Smith, invited talk presented at 2004 Rencontres de Moriond: QCD and High Energy Hadronic Interactions (hep-ex/0406063).
- 3. **CKM Angles**, J. G. Smith, invited plenary talk presented at CKM2005: Workshop on the Unitarity Triangle, University of California at San Diego, March 15-18, 2005.