

# CURRICULUM VITÆ

**Roy A. Briere**

Department of Physics  
Carnegie Mellon University  
5000 Forbes Ave.  
Pittsburgh, PA 15213

## Education

University of Chicago, Chicago, IL

Ph.D. in Physics, June 1995

“Measurement of  $\phi_{+-}$ ,  $\Delta m$  and  $\tau_S$  in  $K \rightarrow \pi^+\pi^-$  Decays and Tests of  $CPT$  Symmetry”

( Advisor: Bruce D. Winstein )

Massachusetts Institute of Technology, Cambridge, MA

B.S. in Physics, June 1986

## Employment:

*Professor*

Department of Physics

*Jul 2011 to present*  
Carnegie Mellon University

*Associate Professor (tenured)*

Department of Physics

*Jul 2006 to Jun 2011*  
Carnegie Mellon University

*Associate Professor ( untenured )*

Department of Physics

*Jul 2004 to Jun 2006*  
Carnegie Mellon University

*Assistant Professor*

Department of Physics

*Aug 1999 to Jun 2004*  
Carnegie Mellon University

*Post-Doctoral Research Associate*

High Energy Physics Laboratory

*Apr 1995 to Jul 1999*

Harvard University

*Graduate Research Assistant (experiment)*

Enrico Fermi Institute

*Oct 1988 to Mar 1995*

University of Chicago

*Graduate Research Assistant (theory)*

Enrico Fermi Institute

*Jan 1987 to Sep 1988*

University of Chicago

*Teaching Assistant*

Physics Department

*Sep 1986 to Mar 1988*

University of Chicago

## Selected Awards and Honors:

Fellow, American Physical Society

2014

American Physical Society Outstanding Referee

2009

Sugarman Award (for excellence in research), Enrico Fermi Institute, Univ. of Chicago

1994

Sigma Xi

1989

Univ. of Chicago Physics Department Graduate Teaching Award, Hon. Mention

1987

## Research Experience:

*BelleII Experiment:* Mar. 2013 - present

- Elected to 3-member US BelleII Executive Committee, Dec. 2016 - present  
(US BelleII has 14 member institutions)
- Charm Physics Co-convener, Mar. 2014 - present  
(with Giulia Casarosa)
- Leader of  $dE/dx$  calibration effort

*BESIII Experiment:* Jan. 2008 - present

- Co-Convener of the Charm Group, Jul. 2008 - Jun. 2010  
(with Haibo Li of IHEP)
- Membership Committee, 2011 - present (Chair, 2015 - present)
- Major contributions to  $dE/dx$  calibration

*CLEO Experiment, as faculty:* Aug. 1999 - about 2014

- CLEO Co-Spokesperson (elected), Jul 2005 - Jun 2007.  
(with Prof. E.H. Thorndike, Univ. of Rochester)
- Oversee all  $dE/dx$  calibration and simulation for CLEOIII and CLEO-c, since 1999.
- CLEO  $D$  Tagging Coordinator, Fall 2003 - Spring 2005.
- CLEO Hadronic Particle ID Systematics Group Leader, 2003.
- CLEO  $D$  Hadronic Decays Analysis Group Co-Chair.  
(with Prof. M. Selen, Univ. of Illinois at U.-C.), Aug. 2003 - Aug. 2004.
- CLEO Rare  $B$  and  $B$  Hadronic Decays Analysis Group Co-Chair  
(with Prof. V. Savinov, Univ. of Pittsburgh), Aug. 2000 - Aug. 2001.
- CLEO  $B$  Hadronic Decays Analysis Group Chair, Aug. 1998 - July, 2000.
- CLEO Drift Chamber Monte Carlo Group Leader, Jan. 1998 - Dec. 1999.

*CLEO Experiment, as postdoc:* Mar. 1995 - Jul. 1999

- CLEO Analysis Coordinator (elected), Aug. 1997 - Aug. 1998.
- CLEO Tracking Group Chair, Jan. 1997 - Oct. 1997.

*Fermilab Fixed-Target Kaon Experiments:* 1988 - 1995

- Worked on E731/E773/E799 (pre-KTEV Kaon Experiments) at Fermilab.

*Theoretical Physics, University of Chicago:* 1987 - 1988

- Studied aspects of  $CP$  and  $CPT$  violation in neutral kaons.

## Current Funding:

Sole faculty member of the Intensity Frontier task of a Department of Energy umbrella grant for High Energy Physics at CMU.

Annual base funding for this task  $\sim$ \$235.K/year.