

David Christian

Education

- 1983** Ph.D. The Johns Hopkins University
1979 M.S. The Johns Hopkins University
1976 B.S. Yale University

Employment

- 1997 – present** Scientist II, Fermilab
1990 – 1997 Scientist I, Fermilab
1987 – 1990 Associate Scientist, Fermilab
1984 – 1987 Wilson Fellow, Fermilab
1982 – 1984 Research Associate, Fermilab

Selected professional activities (since 2012)

- 2012** Head of the Experimental Physics Projects Department and chairman of the Research Associates Committee.
2012 – present R&D on hybrid pixel sensors and readout electronics.
2012 – present Member of the SeaQuest (E906) collaboration.

Selected publications

1. Krohn, M., et al., Radiation tolerance of 65 nm CMOS transistors, JINST 10 P12007, 2015.
2. Christian, D.C., et al., Search for exotic baryons in 800-GeV pp \rightarrow p Xi⁺ pi⁻ X, Phys.Rev.Lett., 95, 152001, 2005.
3. Christian, D.C., et al., FPIX2, the BTeV pixel readout chip, Nucl.Instrum.Meth., A549, 165-170, 2003.
4. Felix, J., et al., Lambda0 polarization in 800-GeV/c p p \rightarrow p(f) (Lambda0 K⁺), Phys.Rev.Lett., 88, 061801, 2001.
5. Chiodini, G., et al., Radiation tolerance of prototype BTeV pixel detector readout chips, IEEE Trans.Nucl.Sci., 49, 2895-2901, 2002.
6. Wang, M.H.L.S., et al., Diffractively produced charm final states in 800-GeV/c p p collisions, Phys.Rev.Lett., 87, 082002, 2000.
7. Blanford, G., et al., Observation of atomic anti-hydrogen, Phys.Rev.Lett., 80, 3037-3040, 1997.
8. Christian, D., et al., The Development of two ASICs for a Fast Silicon Strip Detector Readout System, IEEE Trans.Nucl.Sci., 36, 507-511, 1989.