

Curriculum Vitae

Personal Data

Evan K. Friis
Rue Jean Violette 30
1205 Genève
Switzerland
Tel. +41 076 321 7501
Email. friis@physics.ucdavis.edu

Education

Ph.D. 2010 (Est.) University of California, Davis, Experimental High Energy Physics
B.S. 2005 University of California, San Diego, Physics

Research Experience

6/2006 - Present Compact Muon Solenoid (CMS) Tau-ID Group - Developed and optimized algorithms to identify and reconstruct τ leptons at hadron colliders.
8/2007 - Present CMS Pixel Detector Commissioning Group - Designed and implemented software to characterize and calibrate the 60 million channels in the CMS pixel detector.
9/2004 - 8/2005 Surko Plasma Physics Group (UCSD) - Developed control system for non-neutral positron plasma trap.
6/2004 - 8/2004 Princeton Plasma Physics Lab - Developed test stand for simulating large, high-frequency pressure variations found in pulsed excimer lasers.

Teaching Experience

9/2006 - 12/2006 UC Davis Physics 116A - Analog Electronics Discussion/Lab
1/2006 - 6/2006 UC Davis Physics 9A - General Physics Lab
9/2005 - 12/2005 UC Davis Physics 7B - General Physics Discussion/Lab

Publications J.R. Danielson, E.K. Friis, T.R. Weber and C.M. Surko, "Development of a positron multicell trap," poster at American Physical Society Division of Plasma Physics Meeting 2005 (DPP05), Denver, CO 10 Oct 2005

E. Friis and C. Gentile, “Empirical Bench-top Testing for Silicon Electron Beam Transmission Windows,” poster at American Physical Society Division of Plasma Physics Meeting 2004 (DPP04), Savannah, GA 16 Nov 2004.

Awards

UC Davis GAANN Fellow, 2007

UC Davis Block Grant Recipient, 2005