

Prerequisites

Most of the earlier summer student lectures, with emphasis on Phenomenology of the Standard Model (Kraemer), Standard Model Physics (Hamel de Monchenault), Beyond the Standard Model (Grojean), From Raw Data to Physics Results (Sfyrla)

Short Bio

Ph.D. 1993-1998, Université catholique de Louvain: CHORUS experiment at CERN, Tracker, Search for Neutrino Oscillations

Postdoc 1998-2001, Fermilab: D0 experiment at Fermilab, Trigger and DAQ, Searches for New Physics

Wilson Fellow 2001-2003, Fermilab: D0 experiment at Fermilab, Trigger and DAQ, Top Quark Physics and Searches for New Physics

(Assistant/Associate) Professor 2003-present, Columbia University: D0 experiment at Fermilab (until 2010), Computing and Software, Searches for New Physics; ATLAS experiment at CERN, Calorimeter Front End Electronics, Searches for New Physics; NNbar experiment at ESS

Convener of the New Phenomena group in D0 (2000-2001, 2002-2003, 2009-2010), Exotics group in ATLAS (2005-2007), Les Houches Beyond the Standard Model group (2007, 2009, 2011, 2013, 2015)