

**Name:** Guy Steve Muanza

**Personal:** born in Nancy, France on August the 9th 1966 (french citizenship)

**Present Address:** CPPM Marseille, CNRS-IN2P3, France

**Phone:** +33.(0)4.91.82.72.75. E-mail: muanza@in2p3.fr, muanza@fnal.gov

**Academic Records :**

Sept. 2008 : senior researcher at CPPM Marseille, D0 and ATLAS experiments

Sept. 2006-Sept. 2008: senior researcher at IPN Lyon, head of the D0 Lyon group

Nov. 2005-Sept. 2006: senior researcher at LAL Orsay, D0 experiment

Oct. 2001-Nov. 2005: senior researcher at IPN Lyon, D0 experiment

Oct. 2000-Oct. 2001: detachment at FERMILAB, D0 collaboration

April 2000: founder of the D0 group at IPN Lyon

Jan. 1998-Dec. 2001: full researcher, L3 experiment

Oct. 1996-Jan. 1998: full researcher, CMS experiment at IPN Lyon

Oct. 1996: permanent position with CNRS-IN2P3 at IPN Lyon

Oct. 1992- May1996: PhD thesis. Clermont-Ferrand University, ATLAS experiment

**Research activities:** Supersymmetry and Higgs boson searches at colliders,  
Integration of Monte Carlo generators in the experimental software frameworks  
Jet Energy Scale at hadron colliders

**Other professional and organizational activities:**

Member of the French Physical Society

Member of the French Group on Supersymmetry Searches since 1997

Co-convenor of the Tools group since 2005

Member of the Steering Committee since 2005

Member of the IPN Lyon Scientific Council, 2005-2008

Co-convenor for New Physics, Les Houches “Physics at TeV Colliders” workshop, 2005

Main organizer of the Standard Model Backgrounds at LHC workshop at IPN Lyon, 2005

Member of the IPN Lyon Advisory Board, 1997-2003

Co-convenor of the Monte Carlo Simulation of the D0 experiment, 2003-2005

Supervisor for 3 PhD theses:

T. Millet: Search for gluino pairs in  $4b+\text{missing ET}$  with D0 detector at TEVATRON Run II, 2004-2007. Thesis Director: A. Deandrea, IPN Lyon

J. Coss: Jet Energy Scale in D0 Experiment at TEVATRON Run II, 2000-2003. Thesis Director: J-P Martin, IPN Lyon

D. Teyssier: Search the Higgs boson with L3 detector at LEP II, 1999-2002. Thesis Director: J-P Martin, IPN Lyon

**Publications:**

More than 300 publications in refereed journals since 1996.