

Edmund Berry | Résumé

✉ Edmund.A.Berry@CERN.CH

Experience

Brown University

Providence, RI

Postdoctoral research associate on the CMS experiment

2014-Present

Based in Geneva, Switzerland. Member of the CMS experiment.

Detailed achievements:

- Advisor: Dr. Greg Landsberg
- HCAL PFG leader
- LQ1 leader

Education

Princeton University

Princeton, NJ

Ph.D., Physics

2007-2014

Based in Geneva, Switzerland. Member of the CMS experiment

Detailed achievements:

- Advisor: Dr. Christopher Tully
- Thesis: Search for the Pair Production of First Generation Scalar Leptoquarks with the CMS Detector
- Systems administrator for Princeton research group servers

University of Chicago

Chicago, IL

B.A., Physics, Mathematics

2003-2007

Based in Chicago, IL. Member of the CDF experiment

Detailed achievements:

- Advisor: Dr. Young-Kee Kim, Fermilab Deputy Director
- Thesis: $D^0 \rightarrow \mu\mu$ Search using the Hadronic B trigger at CDF

Publications

"Updated Search for the Flavor-Changing Neutral-Current Decay $D^0 \rightarrow \mu^+\mu^-$," *Physical Review*, vol. D82, p. 091105, 2010.

"Search for Pair Production of First- and Second-generation Scalar Leptoquarks in pp Collisions at $\sqrt{s} = 7$ TeV," *Physical Review*, vol. D86, p. 052013, 2012.

"Search for Heavy Resonances with Leptons and Jets at CMS," *Proceedings of Science*, vol. EPS-HEP2013, p. 260, 2014.

Technical skills
