

Dr. Michael G. Strauss, "Is Faith Compatible with Science?"

Bio-

Dr. Michael Strauss is a particle physicist and David Ross Boyd Professor at OU. His research includes work at the CERN supercollider in Switzerland. He earned his undergraduate degree at Biola University located just outside of Los Angeles and his master and Ph.D. at UCLA. His academic work focuses on the interaction between quarks and gluons and the theory of Quantum Chromodynamics. He has numerous teaching awards at OU and a lengthy list of physics publication.

He is passionate about discovering truth in both the physical world and the spiritual world and enjoys discussing the relationship between Christianity, science and objective thought.

Website-

<https://www.michaelgstrauss.com/>

Significant Works-

Books (available [here](#))

The Creator Revealed: A Physicist Examines the Big Bang and the Bible (2018)

The Dictionary of Christianity and Science (2017)

Other Scientific Works

"Search for heavy resonances decaying into WW in the $e\mu\nu$ final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector," ATLAS Collaboration, *The European Physical Journal C*, **78**, (2018) arXiv: [arXiv:1710.01123](#) DOI: [10.1140/epjc/s10052-017-5491-4](#)

"Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector," ATLAS Collaboration, *Journal of High Energy Physics*, **32**, (2016) arXiv: [arXiv:1509.00389](#) DOI: [10.1007/JHEP01\(2016\)032](#)

"Measurement of jet activity in top quark events using the $e\mu$ final state with two b-tagged jets in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector," ATLAS Collaboration, *Journal of High Energy Physics*, **74**, (2016) arXiv: [1606.09490](#) DOI: [10.1007/JHEP09\(2016\)074](#)

"Measurement of the $t\bar{t}$ production cross-section using $e\mu$ events with b -tagged jets in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector," ATLAS Collaboration, *The European Physical Journal C*, **74**(3109), (2014) DOI: [10.1140/epjc/s10052-014-3109-7](#)

"Observation of a new particle in the search for the Standard Model Higgs boson with the ATLAS detector at the LHC," ATLAS Collaboration, *Physics Letters B*, **716**(1), 1-29, (2012) arXiv: [arXiv:1207.7214 \[hep-ex\]](#) DOI: [10.1016/j.physletb.2012.08.020](#)

"Measurement of the Dijet Invariant Mass Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV," DØ Collaboration, *Phys. Lett. B*, **693**, 531, (2010) ADS: [2010PhLB..693..531D](#)

"Measurement of the Inclusive Jet Cross Section in $p\bar{p}$ Collisions $\sqrt{s} = 1.96$ TeV," DØ Collaboration, *Phys. Rev. Lett.*, **101**, 062001, (2008) ADS: [2008PhRvL.101f2001A](#)