



Understanding the smallest particles in the universe helps unlock some of the biggest mysteries in physics. At UC Davis, Professor John S. Conway leads cutting-edge research in experimental high-energy physics, supported by the U.S. Department of Energy (DOE). Conway and his team study fundamental forces, search for new particles, and push the boundaries of our understanding of matter and energy.



Professor Conway's research has contributed to groundbreaking discoveries, including the Higgs boson and the top quark, helping shape modern physics. As principal investigator of UC Davis's collider physics group, he leads a team of researchers working on experiments that reveal the fundamental laws of the universe. Without continued federal funding, progress in particle physics could slow, limiting new discoveries that deepen our understanding of nature.

// The money has the U.S. is depending on going on budget cuts in our country. I'm going to people working in laboratories all over the United States. — John S. Conway, Ph.D.



Department of Physics and Astronomy



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