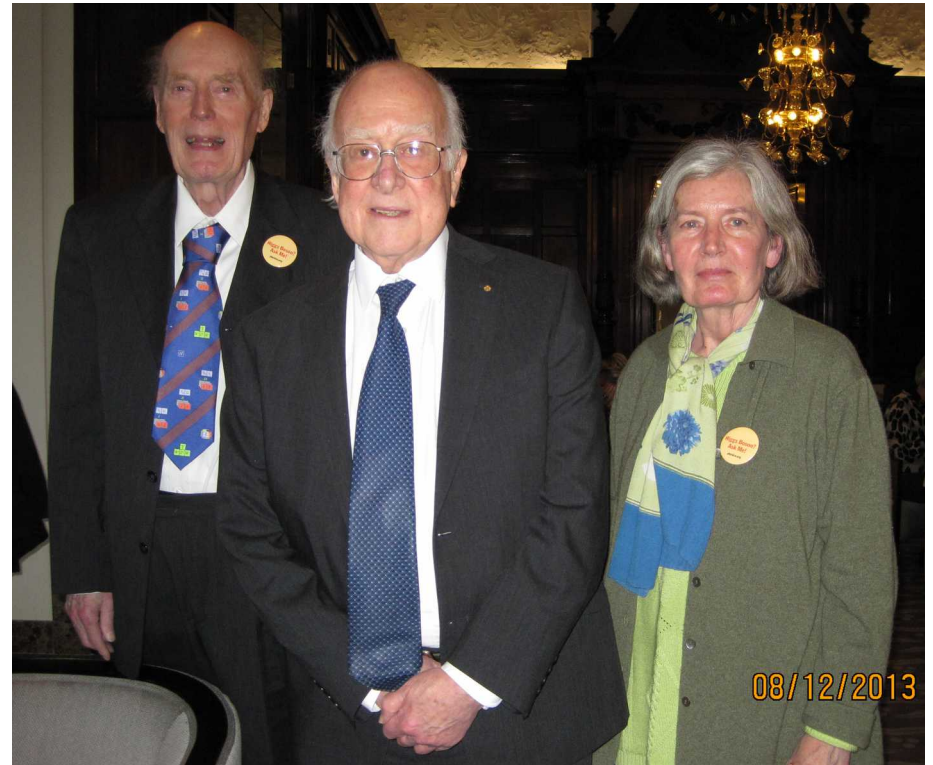


in memory of

Professor John (Jack) Smith
Ph.D., 1963, University of Edinburgh
Stony Brook YITP
Founding CTEQ Member



Prof. & Mrs. Jack Smith with Peter Higgs

Jack Smith worked on relativistic quantum field theory and elementary particle physics. He has supervised the research of 23 Ph.D. students. He used quantum chromodynamics (QCD) techniques to calculate production cross sections for charm, bottom and top quarks, and cross sections measured in experiments at DESY and Fermilab. Smith was a member of the Coordinated Experimental-Theoretical Project (CTEQ), a group who promote QCD and organize annual summer schools. For many years he has had fruitful collaborations with physicists at NIKHEF in Amsterdam (Laenen and Vermaseren), the University of Leiden (van Neerven), and the University of Utrecht (de Wit), where he visited as Kramers Professor in Theoretical Physics. He used his Alexander von Humbolt Senior U.S. Scientist Award to spend a sabbatical year at DESY, Hamburg. Other sabbaticals were at CERN and the CNRS, Marseille. He co-authored the textbook *Field Theory in Particle Physics* with Bernard de Wit. He was a Fellow of the American Physical Society.