

Volker Burkert, Ph. D.

In 1975, Volker Burkert received his Ph.D. in physics at Bonn University in Germany. Ten years later, he began working as a scientist at the Thomas Jefferson National Accelerator Facility (Jefferson Lab) in Newport News where he focused on broadening the scientific reach of the CLAS detector in support of an internationally renowned research program in charting the strongest force in nature that holds subatomic particles together using the most advanced technologies available.

Since 2003 at Jefferson Lab, Burkert has been leading a team of scientists, students, engineers, technicians and an international collaboration of more than 200 scientists from around the world in the study of nucleons (protons and neutrons) and atomic nuclei. Their work has provided deeper insight into the inner structure of these subatomic particles, and they discovered several new, excited states of the nucleon. Burkert has been a member of International Advisory Committees and Local Organizing Committees for over two decades, as well as a member of International Scientific Committees.

Burkert was selected as a Virginia Outstanding Scientist Award recipient for his foresight and leadership in expanding the CLAS nuclear and particle physics detector capabilities and utilizing the full power of CLAS and Jefferson Lab to deliver new insights into the origin of visible mass in our universe. Through mentoring, outreach and community oversight, he promotes excellence within the commonwealth and the international scientific community.

Additionally, here is his most recent bio: <https://www.jlab.org/Hall-B/staff/bios/bio-burkert.html>

And the video that was produced recognizing his accomplishments: <https://www.youtube.com/watch?v=jBNy5zmij-4&t=6s>