



Monday, February 24, 2020
For Immediate Release
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Andrei Seryi Named Governor's Distinguished CEBAF Professor



NEWPORT NEWS, VA – Andrei Seryi, associate director for accelerator operations, research and development at the Thomas Jefferson National Accelerator Facility has been named a Governor's Distinguished CEBAF (Continuous Electron Beam Accelerator Facility) Professor. Seryi's professorship in Old Dominion University's Department of Physics was confirmed by the presidents of the University of Virginia, Virginia Tech, Virginia Commonwealth University, and the College of William and Mary, following the approval of the Board of Visitors of Old Dominion University and ODU president John Broderick.

Seryi has more than 30 years of experience in accelerator science. His career highlights include work at Fermi National Accelerator Laboratory and SLAC National Accelerator Laboratory where he played a role in the development of beam-beam compensation, design of the International Linear Collider, and construction of plasma acceleration facility FACET. Before coming to Jefferson Lab, he served as director of the John Adams Institute for Accelerator Science, a center of excellence in the United Kingdom for advanced and novel accelerator technology, run by the University of Oxford, Royal Holloway University, and Imperial College London. He is a longtime fellow of the American Physical Society.

Seryi has well over 240 publications to his credit in peer-reviewed journals, proceedings and reports. He taught courses at the U.S. Particle Accelerator School, where he received excellent evaluations for course content, teaching method, and mentorship of students. While supervising doctoral students at the University of Oxford, Seryi's colleagues noted his commitment and contributions to the development of new directions in the training and public education of students. He is the author of *Unifying Physics of Accelerators, Lasers and Plasma*, a textbook which combines accelerator physics with the theory of inventive problem solving.

In his nomination letter, Jefferson Lab director Stuart Henderson noted that this appointment would "greatly enhance the Lab's visibility and association with the university community. Seryi's international reputation in accelerator physics coupled with this academic appointment will further enhance the Lab's core capability in accelerator science and technology."

SURA president and CEO Jerry Draayer said, "Seryi's appointment will help to strengthen the field of accelerator physics, providing young researchers practical experience along with their classroom education. SURA is pleased that our Virginia universities continue to support the GDCP program."

Jefferson Lab is funded by the U.S. Department of Energy's Office of Science and managed and operated by Jefferson Science Associates, LLC, a joint venture of the Southeastern Universities Research Association, Inc. and PAE Applied Technologies. SURA was the contractor when Virginia awarded the first Governor's Distinguished CEBAF Professorship in 1985. SURA continues to receive support from the Commonwealth of Virginia for Jefferson Lab.

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Jefferson Lab is supported by the Office of Science of the U.S. Department of Energy. The Office of Science is the single largest supporter of basic research in the physical sciences in the United States, and is working to address some of the most pressing challenges of our time. For more information, please visit science.energy.gov.

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