



FOR IMMEDIATE RELEASE

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**Nearly 100 Global Attendees Explore Cutting-Edge Cancer Treatment at Hampton
University Proton Cancer Institute**

Hampton, VA—On March 21, The Hampton University Proton Cancer Institute (Hampton Proton) hosted about 100 esteemed attendees from around the world for an exclusive tour of the facility as part of Accel App '24, which provides an international forum for discussing the various applications of particle accelerators.

The 2024 International Topical Meeting on Nuclear Applications of Accelerators was jointly organized by Jefferson Lab and the Accelerator Applications Division (AAD) of the American Nuclear Society (ANS), in collaboration with the International Atomic Energy Agency (IAEA) and other organizations.

Prior to the tour, attendees participated in a lecture by Dr. Allan Thornton, one of Hampton Proton's radiation oncologists since its inception in 2010. Thornton's expertise provided attendees with valuable insights into the pioneering work being conducted at the center.

Following the lecture, attendees heard from John Burnor, the IBA Site Manager, whose leadership and expertise have played an integral role in the success of the facility. Burnor highlighted the partnership between Hampton Proton and IBA Proton Therapy, emphasizing the critical role played by IBA in designing, constructing, maintaining and operating the entire patient treatment system, including the state-of-the-art cyclotron generating the proton beam and the delivery system.

During the tour, participants were granted access to various areas of Hampton Proton's state-of-the-art facility, including:

- The Main Control Room: Attendees gained a firsthand view of all beam production and delivery systems from the engineer's perspective.



- Treatment Room: Participants observed the gantry rotating, the insertion and retraction of imaging panels, and the movement of the 6-degree treatment table.
- Gantry Pit Views: Visitors received a rare behind-the-scenes look behind the gantry, which provided insights into this crucial component of the Hampton Proton’s treatment process.
- Imaging Suite: The tour also allowed participants to explore the facility’s imaging capabilities, including CT, PET/CT and MRI machines, which are instrumental for accurate diagnosis and treatment planning.

"We are thrilled to be able to close the AccelApp ‘24 conference at our site and build upon our partnership with Jefferson Lab in this forum," said Tiffany Rodgers, Hampton Proton’s director of marketing. "The Hampton Proton community is honored to have hosted such several scientists from across the globe, and we are deeply grateful for their interest and support in our mission to combat cancer."

ABOUT HAMPTON UNIVERSITY PROTON CANCER INSTITUTE

The Hampton University Proton Cancer Institute (Hampton Proton) is a leading cancer treatment and research facility dedicated to advancing the fight against cancer. As pioneers in proton therapy and cutting-edge research, Hampton Proton provides compassionate care and precise treatments to patients while driving scientific discovery in the field of oncology. Headquartered in Hampton, Va., Hampton Proton, the eighth such center established in the country, is the only proton center owned and operated by a historically Black college and university (HBCU) and is committed to excellence in patient care guided by innovative research, advocacy, access to care and better outcomes. The institute treats several different types of cancer, including breast, prostate, pediatric, lung, head & neck, ocular, brain & spine and gastrointestinal. For more information, visit hamptonproton.org.

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