

## CHES-U Turns Light Back on With Help of ADC

**Lansing, NY, 2019-01-21** – ADC attended a large celebration, with Cornell’s High Energy Synchrotron Source (CHES) and NYS Empire State Development Corporation, of turning the particle accelerator back on following the completion of construction at Cornell. ADC CEO Alexander Deyhim, Business Manager Rebecca Schindler, and Manufacturing Supervisor Christopher Spencer joined NY State Lt. Governor Kathy Hochul and Deputy Director Joseph Roman from New York State’s Southern Tier Regional Economic Development Council.

On Thursday, January 17, 2019, CHES Director Joel Brock "pushed the button" that turned the beam back on in the synchrotron. Cornell invited various representatives from various NYS companies that contributed to the success of CHES-U. ADC and Cornell University have been working together on the upgrade project, called CHES-U, since 2016.

Empire State Development provided a \$15 million grant to Cornell to upgrade CHES. ADC has supplied CHES with three custom designed front end beamlines (pictured below), seven custom designed hutches (manufactured lead rooms), along with many other crucial pieces for this upgrade. In each project ADC was responsible for the design, manufacturing, testing, and assembly.



### Videos:

#### Director of CHES, Joel Brock:

<https://www.pbs.org/video/ches-u-u5fqvl/>

#### CHES-U Hutch Assembly - Six days in under two minutes:

<https://www.youtube.com/watch?v=Gv8C1gbNiBk>

**This video was produced by Cornell University about the impact science has on average person (one of ADC’s staff). Now is being published by National Science Foundation (NSF):**

<https://science360.gov/obj/video/77022398-5977-40f7-babc-06eb059f3948/>

**About CHES:** The Cornell High Energy Synchrotron Source is a high-intensity high-energy X-ray source supported by the National Science Foundation. CHES provides our users state-of-the-art synchrotron radiation facilities for research in Physics, Chemistry, Biology, and Environmental and Materials Sciences. For more information on “CHES” please go to: <http://www.ches.cornell.edu/>

**About the ADC:** ADC USA, Inc. located near Cornell University in Ithaca, New York, is a leading developer and supplier of complex scientific components and instruments for large government laboratories and corporations around the world.

<https://www.adc9001.com/>