Please join us for the 2nd annual

Yale Day of Instrumentation

January 24, 2020

More information and registration at:
instrumentation.yale.edu

Submit to our photo and video contests at:
instrumentation.yale.edu/contests
Equipment
Dilution refrigerator with ruthenium oxide temperature sensors (constructed in Newburgh Lab) waiting to be cooled down/calibrated to 100mK. - Sanah Bhimani
People
Prof. Laura Newburgh, Dr. Benjamin Saliwanchik, and Maile Harris (Pierson ’22) tune scientific payload of Newburgh Lab Drone, before calibration flights at Owens Valley Radio Observatory.— Emily Kuhn
Annie Polish (TD ’21) and Kabelo Kesebonye wade through the weeds outside of Wright Lab – Emily Kuhn
Science
500 liters of liquid nitrogen, venting off in the Wright Laboratory vault space. – Emily Kuhn
Long-term hypoxia can cause high blood pressure in the lung vasculature. High-resolution microCT pulmonary angiograms showed that both the large pulmonary artery remolded and the small pulmonary arterioles rarefactional in mice with 2 weeks-hypoxia. - Zhenwu Zhuang, Peiyu Chen, Edward Manning, Hanqiang Deng, Naftali Kaminski, Michael Simons
Other
Micro-size Yale logo etched on a silicon chip by ion beam. - Lei Wang and Min Li, Yale MCC
The metal organic framework (MOF) Zn2(TTFTB) looks like poker chips under SEM. - Sarah Ostresh
Videos