



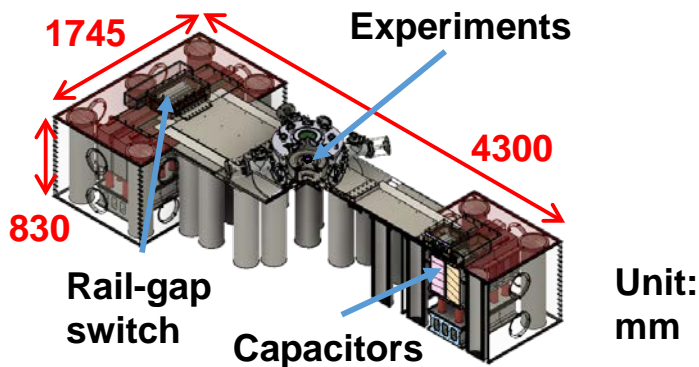
## Colloquium

Department of Engineering and  
System Science,  
Institute of Nuclear Engineering  
and Science,  
National Tsing Hua University

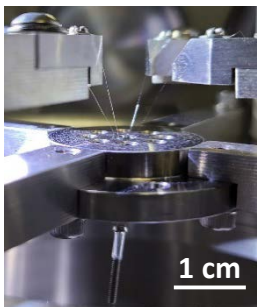
### Studies of high-energy-density plasma on a 1-kJ pulsed-power system

**Po-Yu Chang, Assistant Professor,  
Institute of Space and Plasma Sciences,  
National Cheng Kung University**

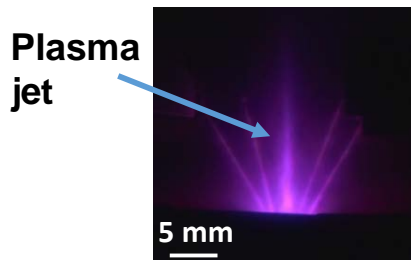
- 1-kJ pulsed-power system



- Conical-wire array



- Implosion of the  
conical-wire array



## Biography:



Po-Yu Chang is currently an Assistant Professor at the Institute of Space and Plasma Sciences (ISAPS), National Cheng Kung University (NCKU). He received his Ph.D. degree in physics from University of Rochester (U of R), Rochester, NY, USA in 2013. He was a postdoctoral associate in Laboratory for Laser Energetics (LLE), U of R, from 2013 to 2016 focusing on Magneto-Inertial Fusion. In 2016, he joined ISAPS, NCKU. His research interests and expertise include pulsed-power systems, plasma diagnostics, high-energy-density plasma (HEDP), laboratory astrophysics and space science, inertial-confinement fusion (ICF) and magneto-inertial fusion (MIF).

15:30-17:00 P.M., Wednesday, Dec. 2<sup>nd</sup>, 2020

NE69 ESS Building, NTHU

101, Sec2, Kaung-Fu Rd., Hsinchu 30013, Taiwan

Contact: Po-Yu Chang

'pchang@mail.ncku.edu.tw'

<http://capst.ncku.edu.tw/PGS/>