



U.S. DEPARTMENT OF  
**ENERGY**



# Faraday Cup Award 2016

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Jefferson Lab

# Origins of Faraday Cup Award

The Accelerator Instrumentation workshop was conceived by Dick Witkover (LANL) and was first hosted by Brookhaven National Lab in 1989

The Faraday Cup award came out of round table discussions to spur innovation among young engineers & physicists, rules were drafted by Bob Shafer, & clever name attributed to Bob Webber

Bergoz Instrumentation supported the award for the first 20 years, it now supported directly from IBIC organizing committee

# Rules for Faraday Cup

- Innovative beam diagnostic *instrument* not just a measurement or a concept
- It should be used (daily) as a part of operations
- The work must be published in a journal or in the proceedings of a conference or workshop
- For multiple qualified entries preference is given to early career individuals
- The award is considered every two years as a part of IBIC, decision is by the program committee
- Next submission deadline is February 28, 2018

# Congratulations to Brock Roberts!

He is awarded the 2016 Faraday Cup for his work  
“Compact Noninvasive Electron Bunch-Length Monitor”  
based on a harmonic cavity

