

Robert Brown – Case Western Reserve – Colloquium 1/31/2019

Title: "Particle Physicists get Down to Business: Industrial Jobs and Entrepreneurship"

Abstract:

From a rewarding theoretical particle physics career starting long ago, my research has expanded to a significant degree to industrial physics in response to the revolution in medical physics. I have spend the last four decades collaborating with a dozen high-tech industrial companies, advised 70 master and doctoral theses, co-founded a master's program for entrepreneurial physics, and played a key role in 7 start-ups. A source of pride is the co-founding of an MRI manufacturing company grown to 170 employees in the present day, two dozen of them my former students. And I've ended up with a long list of advice for students, entrepreneurs, and ... faculty. How it all remains coupled to my astroparticle career is an underlying theme.