

Abstract Submitted
for the APR13 Meeting of
The American Physical Society

Science Hack Day: an opportunity for public engagement, art/science mash-ups, and inspiration MATTHEW BELLIS, Siena College — The idea of a Science Hack Day (<http://sciencehackday.com/>) is to put non-scientists (designers, web developers, artists, interested enthusiasts) in a room with scientists and some good ideas, and see what science-themed project they can create in a weekend (about 24 hours of real hacking). The motto of the organizers is “Get Excited and Make Things with Science!” I have participated in several of these events including the first one held in the United State in Palo Alto in 2010 and as a remote advisor to participants in Nairobi, Kenya. To these events I have brought particle physics data from both the BaBar and the CMS (Compact Muon Solenoid) experiments, data from the CoGeNT dark matter direct-detection experiment, and my expertise and enthusiasm. The experience has been transformative for me as both a scientist and a science advocate. This talk will recount my experiences with Science Hack Day events in general and detail some projects that have come out of these days, including the Particle Physics Wind Chime (<http://www.mattbellis.com/windchime/>) and the Standard Model of Cocktail Physics (<http://www.physicsdavid.net/2012/11/standard-model-of-cocktail-physics/>). Opportunities for other scientists to take part in similar events will be discussed.

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Date submitted: 04 Jan 2013

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