

RDC9 - Calorimetry

Towards an US RD program

Or how to establish communities connected by common R&D goals

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Action items

- ❑ We organize monthly meetings to identify common R&D threads, we solicit presentations to introduce the broad goals of your R&D activities [today Jim Brau]
- ❑ We would like to establish connections with DRD6 [ECFA, calorimetry] to investigate synergies and avoid overlap of efforts
- ❑ We invite everybody to submit a 1-2 page short document to express their proposed contribution to our joint effort, please e-mail them to <mailto:martuso@syr.edu> they will be added to the indico page for this meeting <https://indico.fnal.gov/event/61098/>
- ❑ Please consider attending the CPAD workshop taking place at SLAC on November 7-10 [cpad workshop information](#) when we are planning to organize the scope of initial collaborative efforts

The end

Backup material follows

A blueprint for action

- ❑ The Basic Research Need study for High Energy Physics has established some key research areas critical to the future of our field
 - ❑ Noble elements
 - ❑ Photodetectors
 - ❑ Quantum sensors
 - ❑ Readout and ASICs
 - ❑ Trigger and DAQ
 - ❑ Cross-cutting priority research directions
- ❑ Facilities in support of HEP are key to this program
- ❑ Nurturing new talents and supporting a workforce diverse in approach, background, and (race, gender..) identity is key to success
- ❑ Strengthening connections with industry to implement our concepts is key