

# SDHCAL activities dashboard

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June 19<sup>th</sup>, 2019

# Ongoing activities

## Test beam analysis

### all TB

- Uniformity (Bing+SJTU)
- Low Energy hadrons (Bing+SJTU)
- Uses of BDT (Bing+SJTU)

### 09/2018 only

- SiWECAL+SDHCAL  
(Hector+CIEMAT)  
see Hector and G.G.'s talk
- Tricot electronics (me)

## ILC/CEPC analysis

### CIEMAT

## PFA

- ArborPFA → APRIL (Bo)  
(see talk)
- Rand Index (me)

## Hardware

- 2m<sup>2</sup> GRPC+HR3 ASU+ new  
DIF (Lyon+ ? ), on hold
- Timing electronics (CMS muon)

## Digitisation

Incorporate GRPC response modeling to digitiser, (Lyon+Clermont), on hold.

# Publications

## Papers, short term

- Any plan to transform BDT note CALICE-CAN-2019-001 <https://inspirehep.net/record/1718039> into a paper ?
- Current analysis of test beam data (GRPC uniformity, low energy hadrons, ...) ?
- APRIL PFA, Bo.

## Papers, medium term

- ECAL+HCAL analysis, to see with ECAL groups
- More on GRPC response modeling by Clermont ?

## Coming meetings

We should plan to have some SDHCAL talk there.

- CALICE Meeting, september 30 - October 2, CERN,  
<https://agenda.linearcollider.org/event/8213/>
- LCWS2019, October 28 - November 1, Sendai,  
<https://agenda.linearcollider.org/event/8217/>
- CEPC workshop, November 18-20, IHEP, Beijing,  
<https://indico.ihep.ac.cn/event/9960/>
- CHEF2019, November 25-29, Kyushu,  
<https://indico.cern.ch/event/818783/>

# Outlook

Don't hesitate to add any important activity, paper, or conference, I may have miss.

## Next meetings

### time

Europe 9-11 or 10-12 / China 15-17 or 16-18 / Korea 16-18 or 17-19 ?

- July 3rd
- July 17th
- Absent for one month, some deputy to organise a meeting ? otherwise, August 21st or 28th.