

Closeout FTDM 2023

Prizes

Discussion on DRD collaboration

- The topic was discussed in some detail already in the context of the 2019 FTDM at Cornell.
 - The overall benefit was considered not large enough
 - We agreed to have dedicated R&D sessions in the FTDM
- In 2021, the ECFA R&D strategy document has been produced; a comparable process has taken place in the US (Snowmass)
- In the context of the implementation of the ECFA R&D strategy, DRD collaborations have been suggested for the various TFs.
- Surveys have been carried by each of the ECFA R&D TFs in order to understand better the specific interest of the various groups to shape R&D collaborations in the best way.
 - TF8 is very broad, including also magnets, beam-detector interface etc.
 - Very little feedback was received in the survey of TF8 (Integration)

Discussion on DRD collaboration

- We have been approached by the TF8 conveners to discuss about an DRD collaboration on Detector mechanics and cooling aspects at this year's FTDM.
 - We had a discussion between the organizers yesterday evening

Our conclusions:

1. A critical mass of people available to contribute to such an R&D collaboration is important.
2. As a first step, we concluded to launch another survey between the participants of the FTDM.
 - This will be done before the summer
3. Topics and goals for the R&D need to be well defined.
 - A goal could be a demonstrator addressing various challenges
4. Depending on the outcome of the survey, we will decide on the next steps in autumn this year and keep you informed

Forum on Tracking Detector Mechanics

31 May - 2 June 2023, Tübingen (Germany)

Many thanks to the Local Organizers of the
FTDM 2023, H.R. Schmidt
and all the team

Gaby Behring
Anja Meergans

2024 FTDM at Purdue U



CMSC
Composites Manufacturing
& Simulation Center™

PURDUE

PURDUE
INDIANA
MANUFACTURING INSTITUTE
4-1005

- Registration Fee's likely around ~250\$ / person
- Date options in 2024 for FTDM
 - General, after Spring semester ends: May 4th – usual time possible: late May, early June is available.
 - Avoid ATLAS/CMS/LHCb/ATLAS tracker/detector weeks
 - ...but might be other constraints
- Plenaries & Breakout sessions
 - All plenaries at the Purdue Composite Center
 - If > 120 attendees might need to use Campus Lecture hall's
 - Counter on 1st day of 2023 edition: around 85 participants
 - AV/Room rent included, coffee break all days
 - 2 breakout rooms available if needed
- 3 full days merged w 3-days "Practical Factors @LBNL"
 - 3 days at Purdue FTDM + 3.5 days at LBNL Practical Factors
 - To ease travel and jet lag for overseas: Weekend in between
 - "Composite workshop" series done in 2016/2018 @LBNL
 - Tours of Silicon & Composite labs @Purdue/LBNL
 - Poster Session & Industry talks (likely at LBNL)