

# ats Introduction & News

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A. Salzburger (CERN)

# PRs | 13/07/21 - 20/07/21

A screenshot of a GitHub pull request list. The list contains ten entries, each with a title, a status indicator (checkmark or 'x'), and a category label. Red arrows point from external text on the right to specific PRs in the list.

- fix: build passive layers for DD4hep** ✓ **Bug** **Component - Examples**  
#892 by asalzburger was merged 2 hours ago next
- fix: Typo that I have been looking at for 4 years but never fixed** ✓  
#890 by paulgessinger was merged 4 hours ago · Approved next
- feat: update OpenDataDetector to tip** ✓  
#889 by asalzburger was merged 2 hours ago next
- fix: Move Geant4 actions into namespaces** ✓  
#882 by paulgessinger was merged 5 days ago next
- fix(HepMC3): Remove shared\_ptr to stack variable** ✓  
#879 by paulgessinger was merged 5 days ago · Approved next
- feat: EventRecordingExample did not set up input** ✓  
#878 by paulgessinger was merged 4 days ago · Approved next
- docs: Lock docs dependencies even more** ●  
#876 by paulgessinger was merged 6 days ago next
- feat: introduce TGeoDetectorElementSplitter & splitted detector element constructors** ✓ **Component - Plugins**  
**Feature**  
#873 by asalzburger was merged 4 days ago next
- feat: Make Grid bin count accessible with and without over/underflow bins** ✗  
#872 by beomki-yeo was merged 6 days ago · Approved next

DD4hep translation ignored passive layers other than beam pipe

Make Paul sleep again

Update ODD description

Further disentangling & cleanup of examples

doc building dependencies

Manipulator for TGeoDetector elements (ALICE & ITk need this)

Minor grid update (prep for grid harmonisation)


# Meeting summary | 13/07/21 - 20/07/21

## ACTS-ITk meeting

Friday 16 Jul 2021, 17:00 → 18:00 Europe/Zurich

Andreas Salzburger (CERN), Noemi Calace (CERN), Tomohiro Yamazaki (Lawrence Berkeley National Lab. (US))

**Description** Please contact noemi.calace@cern.ch and/or tomohiro.yamazaki@cern.ch if you want to add material to the agenda.

**Videoconference**  ACTS-ITk meeting room [Join](#)


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**17:00** → 17:20 **News and Status** ⌚ 20m

**Speakers:** Andreas Salzburger (CERN), Noemi Calace (CERN), Tomohiro Yamazaki (Lawrence Berkeley National Lab. (US))


**17:20** → 17:40 **Pixel clustering** ⌚ 20m

**Speaker:** Louis-Guillaume Gagnon (Lawrence Berkeley National Lab. (US))

 main.pdf

**17:40** → 18:00 **Updates on ACTS tracking geometry for ITk**

**Speaker:** Paul Gessinger (CERN)

 acts-itk-2021-07-16...

## ACTS Alignment Discussion


Monday 19 Jul 2021, 11:00 → 12:05 US/Eastern

**Description** <https://fsu.zoom.us/j/98126117840>

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**11:00** → 11:20 **ACTS Alignment** ⌚ 20m

**Speaker:** Paul Gessinger

 acts-alignment-202...

**11:20** → 11:40 **ACTS Alignment** ⌚ 20m

**Speaker:** Xiaocong Ai (UC Berkeley)


 KF-based alignmen...

**11:40** → 12:00 **Round table and Discussion** ⌚ 20m


# Upcoming meetings | 07/07/21 - 13/07/21


## Acts Parallelization Meeting


Friday 23 Jul 2021, 16:00 → 17:15 Europe/Zurich

**Videoconference**  Acts Parallelization Meeting [▶ Join](#)

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**16:00** → 16:05 **Introduction** ⌚ 5m   
Speaker: Andreas Salzburger (CERN)

**16:05** → 16:25 **MT performance of tracc code** ⌚ 20m   
Speaker: Georgiana Mania (Deutsches Elektronen-Synchrotron (DE))


**16:25** → 16:45 **tracc Seed Finding update** ⌚ 20m   
Speaker: Beom Ki Yeo (Lawrence Berkeley National Lab. (US))

## Acts Fitter Discussion

Monday 26 Jul 2021, 16:00 → 17:00 Europe/Zurich

**Videoconference**  Acts Developers Meeting [▶ Join](#)

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**16:00** → 16:20 **Second-order KF in Acts** ⌚ 20m   
Speaker: Xiaocong Ai (DESY)