Introduction

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CERN
25.06.2021 - ACTS Parallelization Meeting
Merged Pull Requests since 2021-06-04
- #24 - Add a simple clusterization example program
  by @stephenswat, merged on 2021-06-04

- #38 - Rework the vector and matrix types used for algebra
  by @stephenswat, merged on 2021-06-04

- #39 - Add clang-format script and CI job
  by @paulgessinger, merged on 2021-06-15

- #41 - add hit reader for ACTS fatras simulation
  by @beomki-yeo, merged on 2021-06-15

- #42 - Use vecmem::static_array for fixed-sized arrays
  by @stephenswat, merged on 2021-06-16

- #45 - Make Github Actions work for checked out repositories
  by @stephenswat, merged on 2021-06-21
None
acts-project/detray: PRs merged since 2021-06-04

- #64 - Refactor extern la plugin
  by @niermann999, merged on 2021-06-04
- #66 - fix: apps for external algebra
  by @asalzburger, merged on 2021-06-15
- #67 - feat: added binned/scalar range to grid and zone
  by @asalzburger, merged on 2021-06-16
- #68 - feat: changing detector to templated date-types
  by @asalzburger, merged on 2021-06-18
- #69 -Feat use template types
  by @niermann999, merged on 2021-06-21
- #70 - fix: incorrect template deduction in clang
  by @asalzburger, merged on 2021-06-21
Open Pull Requests
# Open PRs I

- **#40** - CPU parallel example  
  by @georgi-mania, updated on 2021-06-21

- **#44** - Introduce a pre-commit hook for clang-format  
  by @stephenswat, updated on 2021-06-21

- **#35** - Port ACTS binning algorithm for CPU  
  by @beomki-yeo, updated on 2021-06-18

- **#19** - Another CUDA implementation of connected component labeling  
  by @stephenswat, updated on 2021-06-16

- **#43** - chore: Clang format sync with vecmem config  
  by @paulgessinger, updated on 2021-06-15

- **#33** - Implement container element views  
  by @stephenswat, updated on 2021-06-15

- **#36** - Implement a common set of algorithm semantics  
  by @stephenswat, updated on 2021-06-15
acts-project/vecmem: Open PRs I

- **#82** - Add clang-format script and CI job
  by @paulgessinger, updated on 2021-06-15

- **#79** - [WIP] Add cms caching cuda allocator
  by @cgleggett, updated on 2021-04-28
acts-project/detray: Open PRs I

- #65 - Feat integrate simd algebra
  by @niermann999, updated on 2021-06-25
Contributions today I

- Progress on clusterization, measurement and spacepoint creation
  by Stephen Nicholas Swatman

- Discussion on code-sharing between the projects