Replay needs

Alternatives solutions

Narval on grid

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Alternatives solutions

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Replay needs

Alternatives solutions

Technicals difficulties



Narval needs to :

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Technicals difficulties

Replay needs

 ${\sf Altern\,atives\,\,solutions}$

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Technicals difficulties

Replay needs

 ${\sf Alternatives}\ solutions$

- ► Narval needs to :
 - ▶ Launch processes using ssh with user keys

Replay needs

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Replay needs

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Replay needs

Alternatives solutions

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- Grid is working by batch
 - Except for the MPI jobs
 - There is a need for an AGATA local node to setup Narval services

⇒ need to trick the actual Grid system in order to make it believe that Narval is an MPI job and modify part of Narval to adapt to Grid environment

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Technicals difficulties

Alternatives solutions

Replay needs

► Algorithms enhancements

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Technicals difficulties

Alternatives solutions

Replay needs

- ► Algorithms enhancements
 - PSA



resentation Overview

Technicals difficulties

Replay needs

- ► Algorithms enhancements
 - PSA
 - ▶ Tracking



resentation Overview

Technicals difficultie

Replay needs

- ► Algorithms enhancements
 - PSA
 - ▶ Tracking
- ► Full replay (Why?)

- Use Joa's Narval simulator in batch mode for
 - Raw data read
 - Preprocessing
 - PSA

Alternatives solutions

Replay needs

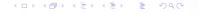
- Use Joa's Narval simulator in batch mode for
 - Raw data read
 - Preprocessing
 - PSA
- Add generic filter to store data after merging online
- Use Joa's Narval simulator in batch mode for
 - Tracking



Alternatives solutions

Replay needs

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Technicals difficulties

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Alternatives solutions

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- ► An alternative is to run in batch mode in three steps
 - Run up to PSA in batch and save data
 - Use a simple off line event builder that save data
 - Run Tracking in batch and save data
- \Rightarrow No strong need for Narval on Grid

