

PAT Introduction



Karsten Köneke
CERN



Amir Farbin
UT Arlington



We want to promote a baseline analysis model



• *introduction to our last EASnet*

<http://indico.cern.ch/conferenceDisplay.py?confId=88419>

• *...*

• *... mean/are*

• *... output into the ATLAS production system where more*

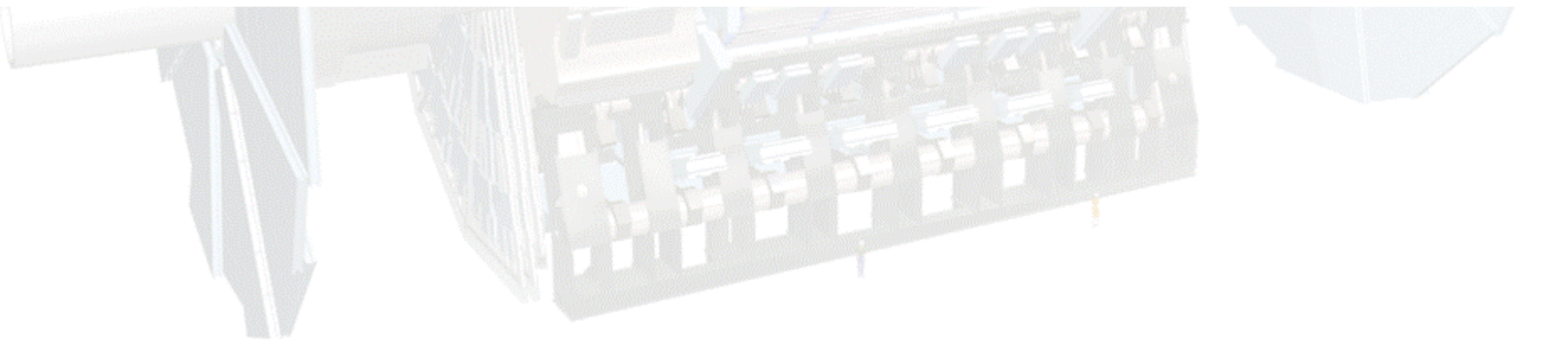
• *...*

• *... primitive code to work*

• *... use and maintain*



- Value of life cycle data is not overlaid between different DRPs
- ... and DRPs with ...
- ... interaction events from ACP/EPs ...
- ... the very large procedure in your DRP ...



See Tulay Donszelmann's talk today



See Tomasz Bolt's talk tomorrow

- *Community is thinking about some [?] changes*
- *Trigger objects*
- *Way to only keep trigger information relevant*

Offline:

- *Quite a few things need improvements*
 - *CompositeParticle*
 - *MC Truth related tools*
 - *UserDataSvc*
- *New things, e.g., right now AODFix:*
 - *The idea to fix/correct an object (electron, tau, ...) when it is retrieved from the AOD*

See Sebastien Binet's talk tomorrow



Tools and reading of n-tuples



- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

See Till Eifert's talk tomorrow



- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]
- [Redacted]

See Attila Krasznahorkay's talk tomorrow



To-do list linked from the main PAT twiki:

- *We created a to-do list with with some core technical things that need to be done:*

<https://twiki.cern.ch/twiki/bin/view/AtlasProtected/PATToDoList>

- *We will try to keep this list up to date*
- *We always welcome people who want to help*
 - *Either short term on a particular project*
 - *Or in a longer evolvment*
 - *Very good work for qualifying as an author (learning many things relevant for a later analysis)*
 - *OTP will be given*



- If you want to have the best possible analysis model to get the best possible results, you need to have the best possible analysis model to get the best possible results.
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Speaker: Karsten Roehrig (CERN)

14:20 **PAT Organization 20'**

Speaker: Amir Farbin (University of Texas at Arlington)

14:40 **DPD and transform status and plans 20'**

Speaker: David Cote (CERN)

15:00 **TAG status and plans 20'**



Co-chairs: Amir Farbin (University of Texas at Arlington), Karsten Roehrig (CERN)

Location: [61-1-009 - Room B](#)

09:00 **Trigger software plans 30'**

Speakers: Tomasz Bold (UC Irvine, AGH-UST Krakow), Tomasz Bold (University of California-Unknown-Unknown)

09:30 **PAT core development status and plans 30'**

Speaker: Sebastien Binet (LAL)

10:00 **Tools usage status and plans 30'**

Speaker: Till Eifert (CERN)

10:30 **coffee 15'**

10:45 **D3PDMaker status and plans (TBC) 30'**

11:15 **D3PDReader status and plans 30'**

Speaker: Attila Krasznahorkay (New York University)