# Trigger Validation

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# Announcement:

- David Strom to replace Olya in the trigger validation coordination

- Will start to devote more time to validation coordination at the end of October
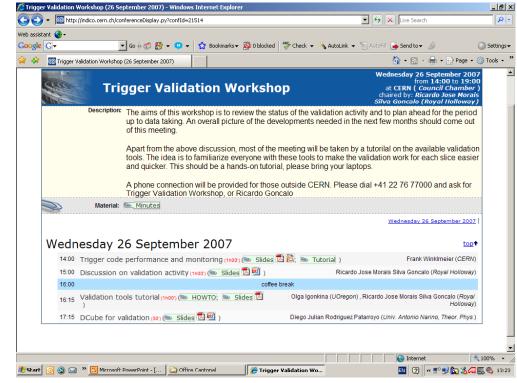
- Welcome to David!

  (well …he's already involved!)

# Current status

- Last week: 13.0.30 built  on Tuesday
  - Missing features from menu etc
  - A few bugs found in the meantime and fixed in production cache

- Today: 13.0.30.1 production cache
  - Needs to be built this week (today) to be used for detector paper performance section
  - AOD size is a concern:
    - ~250 kB/ev with trigger – comparable to rel.12 (but larger menu)
    - TrigInDetTracks from B-physics full scan seem to be the largest contributor
  - Memory leaks are still a concern!
    - Seem to be at the same level as 13.0.20.3 (note: again with a larger menu)

# Validation Workshop

- Half-day Trigger Validation Workshop last week (26 Sep.)
  - http://indico.cern.ch/conferenceDisplay.py?confId=20715
  - 20 people attending
  - Discussion
  - Tutorials:
    - Code performance and memory profiling
    - Validation tools hands-on tutorial
    - Use of standalone DCube

# Nightly validation shift

- Each slice requested to provide one person to verify the status of the nightly releases using the automatic validation tests

- Report on status using the "Trigger Status in 13.0.x nightlies" wiki: https://twiki.cern.ch/twiki/bin/view/Atlas/TriggerRecipe130xntly

- The shift rota can be found here: https://twiki.cern.ch/twiki/bin/view/Atlas/TriggerValidation#Who_is_on_validation_shift_this

person in charge from each slice is shown (or an **X**). The **na** stands for "not available to monitor overall status" (vacations, workshops or other responsibilities).

| Monday | John | Simon | Ricardo | B jets | B physics | L1 Calo | Cosmics | L1 CTP | Electron | InDet ? | Jets | MET | Muons | L1 Muons | Taus | Photons |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | na | | | | | | | | | na | | | | | | |
| 27 | na | | X | | | | | | | na | | | | | | |
| Sep 3 | X | na | | | | | | | | na | | | | | | |
| 10 | | na | | | | | | | | Dmitry | | | | | | |
| 17 | | na | X | | | | | | | | | | | | | |
| 24 | | X | | | | | | | | | | | | | | |
| Oct 1 | | | | Andrea | | | | | | | | | | | | |
| 8 | | | | | Julie | | | | | | | | | | | |
| 15 | | | | | | | Laura | | | | | | | | | |
| 22 | | | | | | Peter | | | | | | | | | | |
| 29 | | | | | | | | | Wolfgang | | | | | | | |
| Nov 5 | | | | | | | | | | Denis | | | | | | |
| 12 | | | | | | | | | | | Paul | | | | | |
| 19 | | | | | | | | | | | | Chris | | | | |
| 26 | | | | | | | | | | | | | Allen | | | |
| Dec 3 | | | | | | | | | | | | | | Giovanni | | |
| 10 | | | | | | | | | | | | | | | Chihiro | |
| Jan 7 | | | | | | | | | | | | | | | | David |
| 14 | | | | | | | | | | | | | | | | | Valeria |