ITS - TRD/TOF interpolation. TPC space point distortion calibration.

Marian Ivanov, Ernst Hellbar

ATO-108 - ITS - TRD/TOF interpolation. TPC space point distortion calibration.

- https://alice.its.cern.ch/jira/browse/ATO-108
- https://indico.cern.ch/event/374111/contribution/6/material/slides/0.pdf
- Code implemented and used for open gating grid analysis
  - https://alice.its.cern.ch/jira/browse/ATO-16

(ATO-230) Fit of the distortion maps from open gating grid analysis with ANALYTICAL models

- https://alice.its.cern.ch/jira/browse/ATO-230
- https://indico.cern.ch/event/360660/contribution/5/material/slides/0.pdf
  - Ongoing activities with RUN3 preparation

- Code in the macros
- Test with calibration components starts this week using raw data
- Merging procedure to be solved
    - trees - grouping in chunks of O(1 GBy)
- AliNDLocalRegression for representation of residual distortions
- Parameters of analytical distortion models as a QA