

Important milestones:

pre-TDR:

- received comments on draft 0
- preparing draft 1 by December 6th

dRICH splitting:

- new inputs from EIC Project suggests splitting is not necessary

VTRX+ pigtail:

- length to be decided by December 6th

Comments to Version 0.1.2 Many thanks to Prakhar Garg, Chandradoy Chatterjee and David Morrison

Comment on text (Missing references, typos, units, wording,...)

Shorten “status and design effort”

Specify tolerance in contaminants (water, oxygen,..) for the radiators

Describe ambient influence on gas refraction index (e.g. temperarute, pressure)

Discuss the input parameters used in simulations (with respect ongoing R&D status)

Mention: studies on time resolution versus irradiation/annealing

plans for gas transparency measurements

Detail the status of the QA stations

Discuss mirror alignment

General Indications

Remove Gantt charts from the "Construction and assembling planning"

Condense in a table the section "Collaborators and their role"

Outline the additional material

Repository for reference figure preservation

Leftover

Annealing model vs more recent ePIC radiation maps

Thomas Ullrich at TIC on November 25

Progress on Software and Simulations

- Impressive influx of manpower with **groups from India joining**
- Simulation team
 - ▶ Central University of Karnataka, India (D. Samuel, A. Rajan, N. George)
 - ▶ Central University of Haryana, India (R. Kumar, M. Thakur, R. Jangid, Taniya, T. Tanvi, G. Laishram)
 - ▶ Ramaiah University of Applied Sciences, India (T. Ghosh, R. Sigh)
 - ▶ INFN Trieste (J. Agarwala, C. Chatterjee)
 - ▶ INFN Cosenza & University of Calabria (L. Occhiuto)
- New group also **provided resources** to perform many new simulation - 12h/day allocation for ePIC
 - ▶ Substantial use of GPUs
- Simulations and Reconstruction in EICrecon

The dRICH Council will soon start a regular activity

Motivated by the pre-TDR effort and moving towards the TDR and EIC CD we need to formalize the status of old and new groups involved in the dRICH activity and of the Collaboration itself (charter ?)

New Institutes interested to (formally) join

Central University of Karnataka (India) - performance study

Central University of Haryana (India) - performance study

Temple University (USA) – aerogel radiator QA

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