Analysis TDR Kick Off

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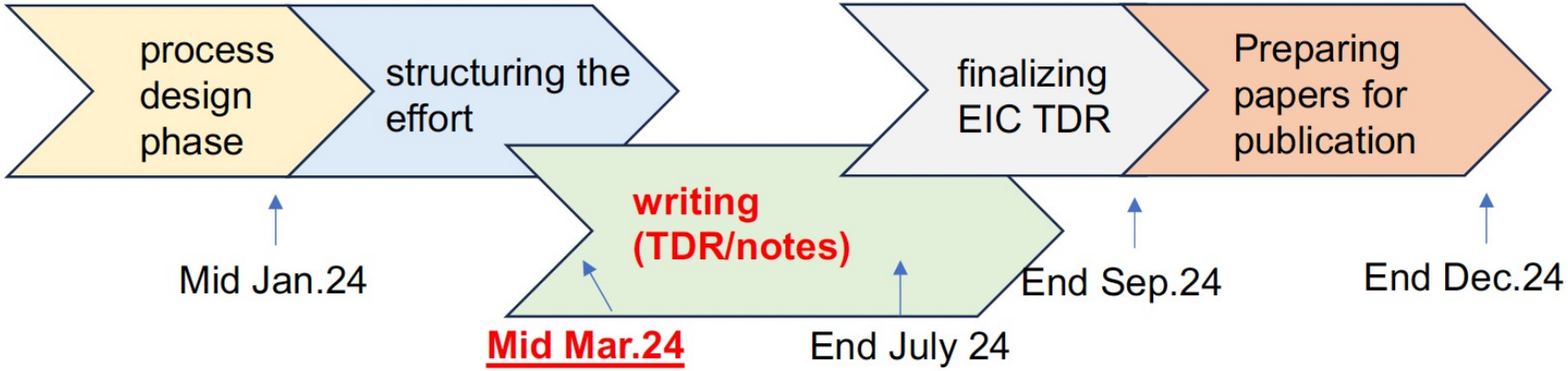
- The ePIC contributions to the EIC TDR (Chapters 2,8)
  - The EIC TDR is the top priority
  - Precise timescale driven by EIC project requirements (e.g. CD3 vs CD2 roadmap)
- Scientific production/dissemination
  - An extended version of the ePIC detector section from the EIC TDR with appropriate front matter, published in a scientific journal (such as NIMA, JINST, PRC, …)
    - *Derived from TDR Chapter 8*
  - An ePIC Physics Performance long paper published in a scientific journal (such as NIMA, JINST, PRC, …)
    - *Derived and expanded from TDR Chapter 2 (Section 2.3)*



TDR structuring & companion papers

TDR

- **PM Serves as the "managing editors" for the ePIC Contributions to the EIC TDR**
- **TDR Chapter 2**
  - ***Holistic detector performance*** (short form)
    - The TC Office acts as "editor"
    - Organized/supervised by CC WG conveners
  - ***Physics performance and science reach*** (short form)
    - The ACs acting as "editors"
    - The Physics WGs as subgroups for text drafting
- **TDR Chapter 8**
  - ***Detector description and basic performance***
    - Project CAMs/Collab. DSL's acting as "co-editors" for their sections
    - The DSCs provide studies, material, text, etc.
  - ***Software, Analysis and Data Preservation***
    - Project CAMs and SCCs acting as "editors"
    - The electronics/DAQ CC WG and the software WGs

ePIC publications

- **SP Office serves as the "managing editors" for the ePIC publications**
- **ePIC Physics Performance Publication:**
  - ***Holistic detector performance*** (extended text)
    - The TC Office acts as "editor"
    - Organized/supervised by CC WG conveners
  - ***Physics performance and science reach*** (extended text)
    - The ACs acting as "editors"
    - The Physics WGs as subgroups for text drafting
- **ePIC Detector Publication**
  - ***Detector description and basic performance***
    - DSL's acting as "editors" for their sections
    - The DSCs provide studies, material, text, etc.
  - ***Software, Analysis and Data Preservation***
    - SCCs acting as "editors"
    - The electronics/DAQ CC WG and the software WGs for text drafting

What we need to succeed

- Realistic Simulations
  - Do we have all the tools in place to meet our timeline?
  - If not… contingency plans
- What should the TDR (& accompanying physics paper) look like?
  - Prioritize physics for the two papers
  - Structure of the documents (e.g. we follow NAS report physics milestones, or…)
    - Same structure (or different) between project TDR and enlarged physics paper?
- PWG work force
  - Matrix in people and tasks/analyses
  - Can we involve more people?
    - E.g. synergies with detector groups…
    - Reach out to new/emerging Institutions with students available…
- **We need input from this community**