Outline of Chapter 3

- Chapter 3: Experimental conditions, detector requirements and concepts
  - Section 3.1: The CEPC experimental conditions
    - The CEPC beam (operation at Z pole, WW threshold and Higgs)
      - Show table, describe major parameters relevant to the detector and experiment
      - Beam induced backgrounds
        - Summary of what is later explain in more detail in the MDI section — forward reference
      - Beam polarization statement (short section consistent with accelerator CDR)
  - Section 3.2: Detector/Physics requirements (provide specific numbers for these things)
    - Track momentum resolution
    - Impact parameter resolution and flavor tagging
    - Jet energy resolution
    - Lepton ID requirements
  - Section 3.3: Detector concepts

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Outline of Chapter 3

- Chapter 3: Experimental conditions, detector requirements and concepts
  - Section 3.3: Detector concepts
    - Some introduction to explain the arrangements of the different concepts (this could also go into the introduction of the chapter)
    - Provide the general design requirements for the CEPC detectors
    - 3.2.1: The baseline detector
      - Detector design considerations
      - Description of concept detector
      - 3.2.x: Full Silicon detector option
    - 3.2.2: The alternative detector
      - Detector design considerations
      - Description of concept detector