

# proposal (& note) update

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# Recent updates

- **BNL has purchased a quantity of paid overleaf licenses**
  - Not expected that everyone will need one (e.g. I can invite people using mine), but please contact me if you are interested.
- **Proposal writing is imminent**
  - Ramping up to starting collaboration section
  - I am getting requests to set up both a framework for the proposal and for supporting notes
- **In the last week, developed two simple latex templates**
  - Both based on the look/feel of the sPHENIX TDR
    - *Nice fonts, title page, etc.*
    - *Separation of latex “core” from the main document, so it should be easy to upgrade*
  - One for a generic proposal (duplicated into “the” proposal)
    - <https://github.com/ecce-proposal/ecce-proposal-template>
  - One for a generic note (being user tested at Lehigh :))
    - <https://github.com/ecce-notes/ecce-note-template>
  - Not 100% finished but should be straightforward to update
    - *A few details I would like to fix*
- **Created an official version of the proposal**
  - In principle there will be other proposals, TDRs, etc.
  - Named it after the EIC CFP (CFCP, CFC?)
    - <https://github.com/ecce-proposal/ecce-proposal-eic-cfp>
  - Implemented the outline structure in the main proposal
  - Overleaf & github both set up



# Note template

The screenshot shows a LaTeX editor interface for a file named 'ecce-note-template'. The editor is split into three main areas: a file explorer on the left, a source code editor in the center, and a preview window on the right.

**File Explorer (Left):** Shows a directory structure with files: '0main.tex' (highlighted), 'header.tex', 'Makefile', 'README.md', 'refs.bib', 'section2.tex', 'title\_page.tex', and 'unsrturl.bst'. A 'File outline' section at the bottom lists 'Detector Overview' and 'Section 2'.

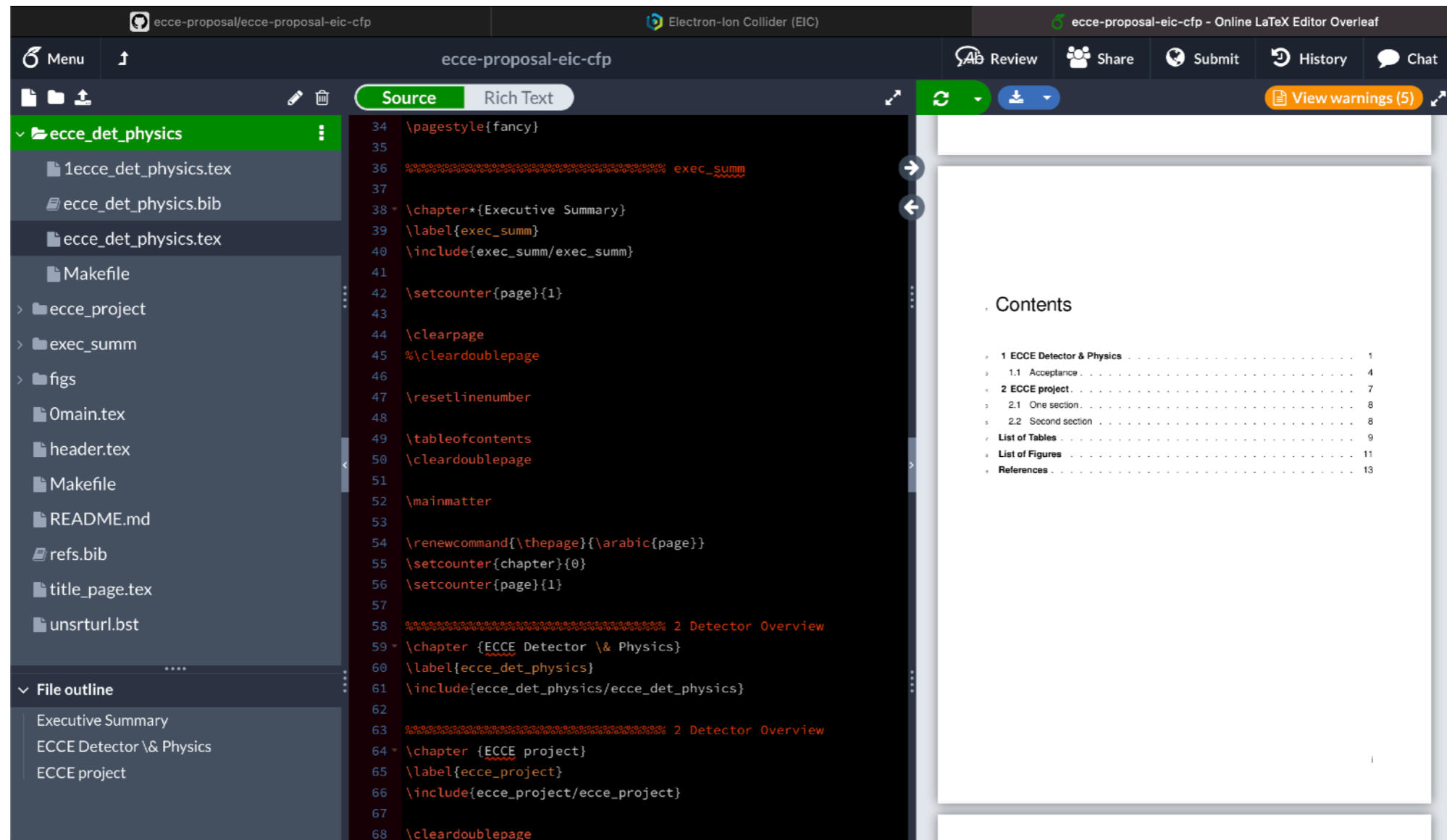
**Source Code Editor (Center):** Displays LaTeX source code for '0main.tex' with line numbers 43 to 67. The code includes commands for table of contents, clearing double pages, setting page numbers, and including sections and a bibliography.

```
43 \tableofcontents
44 %\cleardoublepage
45
46 %\mainmatter
47
48 \renewcommand{\thepage}{\arabic{page}}
49 %\setcounter{chapter}{0}
50 %\setcounter{page}{1}
51
52 %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%% 2 Detector Overview
53 \section {Detector Overview}
54 \label{det_overview}
55 \include{det_overview}
56
57 \section {Section 2}
58 \label{section2}
59 \include{section2}
60
61 \listoftodos[To Do]
62
63 \bibliographystyle{unsrturl}
64 \bibliography{refs}
65
66 \end{document} %%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%% End Document
67
```

**Preview Window (Right):** Shows the rendered output of the LaTeX document. It features the ECCE logo at the top, followed by the text 'ECCE note template', 'A full-acceptance detector at the EIC based on the BaBAR magnet', and the date 'December 1, 2021'. Below the text is a 3D cutaway diagram of a detector structure. At the bottom, a 'Contents' section is partially visible.

- **Flat structure, with top level being \*sections\***
  - header.tex has all of the formatting, packages, etc.
  - 0main.tex has the main structure
  - For fun, added ECCE logo, diagram, etc. into title page
- **Testing with Tristan @ Lehigh over the weekend**
  - His distribution didn't have latexmk (~needed by makefile) and was missing one .sty
- **Ready for more testers and writers!**

# Proposal template



- **More complicated structure (folders, etc.) with top level being \*chapters\*, each getting its own folder**
  - For now, assuming that each chapter (“X”=1,2: detector/physics, project) just has one folder, with its own .bib file, and with sections (“X.Y”) getting its own latex file
  - There is a local makefile to do a local build of each chapter separately
- Also includes a title page (same as note) and executive summary section (not in table of contents)
- Ready for testing!