

# Status Report 2021 - 2024

Wednesday, 25 September 2024 15:10 (20 minutes)

– Corrections as soon as possible. 1.st October is the hard deadline for the scientific part.

– Link to the master document: <https://sf.gsi.de/f/b4f9a1b2f9224c4ea26d/?dl=1>

– Link to the high resolution figures: <https://sf.gsi.de/d/4d8ac17302214367873e/>

(The CML text in the Masterfile is not updated)

– 20240923 CML Status\_Report\_Vol-I\_GSI\_draft\_CED\_YL\_1.docx (attached) is the current working draft for CML with all comments included

– 20240919 CML Status\_Report\_Vol-I\_GSI\_draft.docx with comment until nuclear astrophysics

– Luminita's, Yvonne's and Thomas's review comments:

As general remarks:

- Please formulate clearly that you achieved the milestones X; Y; Z and if not give a sound explanation why.
- Be very focused when you motivate your activities. They should follow GSI/HIM specific goals and tools.
- Choose carefully your highlights and point out clearly in the text. Not all scientific results can be reported as highlights.
- Try to keep a good balance between high-level description and the necessary technical details.
- Whenever you mention a results, highlight or publication give a Ref. (published result) for it.
- Do not put together figures that are not related with each other. The # of pages we can reduce by other means.
- Check that BESIII and BES-II are consistently written.

Most of the comments we had, are written explicitly as a separate comment.

Some paragraphs or sentences are marked in yellow, green or red.

The "secret" code is:

\*\* yellow: it should be read again, Ref. is missing, Fig. citation should be checked, the formulation should be more precise/paragraph should be shortened.

\*\* green: The paragraph is on the wrong place.

\*\* red: if not a simple mark for a link to another topic, LK II section, it means the paragraph should be urgently checked and corrected.

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• we have far too many references! I kindly ask everyone to check which references are not needed and report this directly to Luminita. Since every reference is a cross-reference, removing a reference from the list will automatically remove it from the text and keep the correct numbering.

• The formatting of the references is only partially done, because we have to remove 50% of the references to fit 1.5 pages. Dear colleagues, please format all your references in the correct style, example provided by Luminita:

[1] J. Hammelmann and H. Elfner, Impact of hadronic interactions and conservation laws on cumulants of conserved charges in a dynamical model, Phys. Rev. C 107, no.4, 044910 (2023), DOI:10.1103/PhysRevC.107.044910

• The figures in the "Hadrons" section are still missing on sf.gsi.de, please upload them these days.