



LFEUI - Investigation Proposal

Estêvão Gomes (ist1102650) Sofia Nunes (ist1102633)

Pedro Curvo (ist1102716) Salvador Torpes (ist1102474)

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1 Proposal Summary

State clearly the aim of the proposed experiment together with the general and specific scientific background.

2 Experimental technique

Describe the experimental set-up and requirements. Queries concerning the feasibility (technical or safety aspects) of an experiment should be clarified with hosts before the proposal is submitted.

3 Safety considerations

Experimental conditions requiring special safety precautions such as the use of lasers, high pressure cells, bacteria, dangerous substances, toxic substances and radioactive materials, must be identified in the proposal.

4 Beamtime requested

Specify the dates of the beamtime requested and the number of shifts. The beamtime requested should be in accordance with the

estimated duration of the experiment. Specify the place and the investigators who will guide the experiment.

5 Results expected

Describe the results expected from the measurements, their scientific (or technical) relevance, and how they relate to existing work on the topic.

6 Concluding remarks

Justify the beam time you request and give technical reasons which make the apparatus necessary for your experiment. Include REFERENCES where these are relevant, but do not assume that they will be systematically consulted for essential details.

References

- [1] Leonard C. Feldman and James W. Mayer. *Fundamentals of Surface and Thin Film Analysis*. North-Holland, 1986.
- [2] Kenneth S. Krane. *Introductory Nuclear Physics*. John Wiley & Sons, Inc., 1988.