**PROPOSAL TITLE**

**1) Is this a continuation of a previous proposal?**

If this work is a continuation of work done under a previous proposal, give the previous proposal number and indicate what changes have been made. If not skip to the next step. (Please remove this red text from your proposal)

**2) Scientific background.**

Give the general and specific scientific background. State clearly the aim of the proposed experiment together with the motivation for the present proposal. (Please remove this red text from your proposal)

**3) Expected results.**

 Describe the expected results from the measurements, their scientific or technical relevance, and how they relate to existing work on the topic. (Please remove this red text from your proposal)

**4) Previous characterization.**

Give results of preliminary work carried out with synchrotron radiation and/or any other method to characterize and to prepare the proposed synchrotron experiment. If you do not have any previous characterization, justify it. (Please remove this red text from your proposal)

**5) Experimental method.**

This section must detail the type of measurements to be performed, the synchrotron technique to be used, including the required experimental setup and sample environment. If any specific instrumentation is going to be used, it also must be described in this section. Queries concerning the feasibility (technical or safety aspects) of an experiment should be clarified with LNLS staff before the proposal is submitted. In particular must be mentioned the sample environment conditions (e.g. temperature range, vacuum pressure, magnetic field or any other important parameter of the experiment) and the number of samples and standards to be measured. Safety concerns about the samples are given independently in the sample and safety form. (Please remove this red text from your proposal)

**6) Beam time requested justification.**

Based on the number of samples and on strategy of the experiment, justify the amount the beam time needed. (Please remove this red text from your proposal)

**7) References.**

Your proposal should be self-contained, in other words, keep the number of references to a minimum. Three to five references should be enough, including previous works on the same system. (Please remove this red text from your proposal)