**max length 6 A4 pages maximum incl. figures,**

**running text in 10pt size, upload limit 4MB**

**Title of your proposal for FLASH beamlines**

1. **Scientific background**

Please describe the scientific background of your proposal.

1. **Motivation for the proposal**

Please give a concise and clear description of the project and the overall aim of the experiment.

*Indicate if the proposal is a resubmission (refer to original proposal number(s)) and highlight changes compared to last submission, in particular when specifically reacting to last time’s PRP comments.*

1. **& 2. max. 2 pages)**

**3. Results of previous own work relating to this proposal (0.5 pages)**

Briefly summarize previous own work which is relevant to this proposal, especially work done at DESY and/or other light source facilities (if applicable).

**4. Experimental plan of proposed experiment at FLASH (0.5-1 pages)**

a) *Justification of parameters/instrument requested*

- explain why the requested parameters and/or instruments are required for your requirements  
b) *Justification of beamtime requested*

- explain why you need the requested number of shifts

*c) samples & safety related issues*

- give a brief description of the samples to be studied (size, composition, quality)  
- in case of biological samples explain from which organism it was derived and how the samples were prepared. State the full name of the species/strain/cell line and indicate the risk level according to DIRECTIVE 2000/54/EC. Genetic engineering at levels S3 and S4 is not allowed at DESY.

- list all possible safety aspects (e.g., dangerous, toxic or radioactive substances, pressure cells, lasers…).

*d) specific technical requirements*

- describe your experimental setup   
- indicate what kind of additional equipment you will bring  
- identify experimental or technical difficulties to be expected (if applicable e.g. bulky or complex installations, high magnetic fields etc.)

*e) planned experimental collaborations with other groups*

- e.g. use of the same sample chamber, personnel, detector, …

*f) possible start of the experiment(s)*

**5. Results expected and their impact (1 page)**

Clearly describe what information you expect to obtain from the experiment and what would be the scientific relevance of the results.

**6. References related to the proposal scientific text**References should only appear here. If citations are being used in the proposal text, they should refer to references listed here. References should be consecutively numbered using this format:   
[1] A. Author, B. Author, and C. Author, Title, Phys. Rev. B **50**, 1234 (2000)(DOI…..)

**Please note:**

**Own publications based on previous FLASH beamtimes** (if applicable; published during the last 3 years) have to be registered as part of the DOOR submission procedure using DOIs or PubMed IDs.