

Project Application Form

Please submit max. 2 pages A4 incl. references, tables and/or figures or fill out this fillable form directly.
Please submit your project application to info@fierce.uni-frankfurt.de

Short Project title:

Applicant's name:

Applicant's status (PhD student, Postdoc, Research Associate, Prof. etc.):

In case of PhD students: Supervisor's name(s):

Applicant's Institution:

Email address:

Phone number (optional):

Please specify: New proposal Re-submission Pilot application

A pilot application is for a short feasibility study which should not exceed one day at the (LA-/MC-) ICPMS

1. Project description.

Please cover the following aspects:

- a) What is the background of the project?
- b) What is the objective of the project? Which hypotheses do you want to test?
- c) Why do you plan to use (LA) ICPMS or (LA-)MC-ICPMS analysis?
- d) How are you going to use the (LA) ICPMS or (LA-)MC-ICPMS results to achieve b)?

2. Type of analyses:

a) Spatially resolved / Laser-ablation

- Trace elements: Which elements and at what approximate concentrations?

Trace elemental analysis in solution mode is not routinely available and must be discussed beforehand.

Are major element concentrations data available (crucial for quantification in case of LA-ICPMS)

- Isotopic analysis: Li B Sr Pb Lu/Hf Sm/Nd U/Pb

- What is the matrix? E.g. glass, teeth, carbonate, minerals, etc.

- Type and number of sample(s) (mounts / thin section)

Please check the information on required sample dimensions at the FIERCE website or at this link

- Sample preparation required?

b) Solution-based isotopic analysis?

Approximate amount of the element of interest should be indicated (pg, ng, µg). This is crucial for necessary blank levels.

Dissolution column chemistry

3. Collaborative scientific project co-authored by FIERCE member?

Who's the initial FIERCE contact person?

4. Data reduction

Collaborative research usually covers only the machine and supervision time to acquire the analytical data. Do you have experience with processing the analytical data? Which software program have you used in the past (Glitter, Iolite, LADR, etc.)? Please, also specify co-workers and their experience, if they plan to attend the analytical session at FIERCE.

5. Project timing

Please, give the date by which the analyses are required. If timing is critical, please explain why.

6. Additional services needed (e.g. sample preparation, SEM images [SE, BSE, CL], ...):

You will receive a notification following the submission of your complete project application. A positive decision about your project application will be accompanied by an estimate about the time required and the costs involved with your project and other details, if applicable. At that point we will require a written statement to cover the costs from you (or your supervisor, in case of PhD, master oder bachelor students) in order to finalize the appliacion and book a time slot for your project.