**Application form**

***please fill as completely as possible and send to:*** 

1. **NAME and professional address of the principal investigator:**
2. **Brief description of your experiment:** 1500 characters max, images are unnecessary.
3. **If possible indicate reference(s) for the experimental protocol:**
4. **Type(s) of measurement:** (*delete/strike unnecessary*)

**ICP-OES ICP-MS LA-ICP-MS (not sure)**

1. **Please note that samples for acid dissolution must be finely ground powders – which must be done before you come at ALIPP6. Sample type:** *(in which form is the sample when you bring it at ISTeP*? delete/strike unnecessary*)*

* **solid (rock chip, thin section…)**
* **liquid**
* **powder**
* **organics (plants, organs, cells…)**

1. **Samples**
   1. **solid samples: describe sample type** *(silicates, peridotite, granite, organics / organic matter, …)***.**
   2. **liquid samples: do your samples contain organics? do they have high matrix** *(high concentration in some elements such as seawater)***? what is the type and concentration of acid/base of the solvent?**
2. **Is wet chemistry** (dissolution, dilution) **at ALIPP6 necessary for your experiment?** If acid attacks are needed, please include them in your answer to question 10**.**
3. **Measurements:**
   1. **Which elements do you plan to measure?** *(Si, halogens, alkalis, PGE…)*
   2. **What are the expected concentrations?** *(major, minor, trace…)*
   3. **Will you be bringing your own standards? in which form and concentration?**
   4. **How will calibration curves be established?** *don’t know: please say so, else describe below*
4. **LA-ICP-MS:**
   1. for internal standardization, you must know the concentration of **at least one major element** for each measurement point before the experiment. **Which element(s) will you be using? How has it been measured?** *(example: using Al or Ca in plagioclase: electron microprobe data needed)*
   2. how are the samples mounted? *(e.g. polished thick / thin section, resin block, rock chip – indicate size… )*
5. **Can you estimate the total experiment time? How many samples and how many measurements per sample are planned?** Include acid attacks if needed.
6. **Preferred / impossible dates:**
7. **Users must be present throughout the measurements. Who will come during this experiment?** Please indicate the number of users, their names plus the prepared degree for students. Please also indicate users with experience in the experimental technique.