



NORDSIM CALL FOR PROPOSALS, 2013 (application deadline: October 31, 2012)

Applications are invited for analytical time at the Nordic ion microprobe facility (Nordsim). The facility is equipped with a Cameca IMS1280 ion microprobe which is used for high spatial resolution, *in situ* isotopic and elemental analysis in the earth and planetary sciences. Currently established analytical procedures include:

- *U-Th-Pb geochronology of zircon, monazite, titanite (and other minerals depending on availability of appropriate standards)*
- *Pb isotope ratio determination in silicates*
- *REE and trace element determination in silicates, phosphates and carbonates*
- *Boron isotopes ($^{11}\text{B}/^{10}\text{B}$) in silicate glasses*
- *Oxygen isotope analysis ($^{18}\text{O}/^{16}\text{O}$) in zircon (other minerals subject to standard availability)*
- *Sulphur isotope analysis ($^{34}\text{S}/^{32}\text{S}$ and $^{33}\text{S}/^{32}\text{S}$) in sulphides*

Other analytical methods may exist or can be developed collaboratively - please enquire. Applications received on or before the deadline will be evaluated by the Nordsim steering committee and successful projects will be scheduled to run during 2013. Further details about the Nordsim facility may be found on our web site (www.nrm.se/nordsim). Application forms may be downloaded from the web site or obtained on request from the laboratory or the appropriate national representatives listed below. Please note that all applications should be submitted directly to the laboratory, preferably by e-mail to martin.whitehouse@nrm.se (mailing address: Nordsim Laboratory, Swedish Museum of Natural History, Box 50007, SE-104 05 Stockholm, Sweden).

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