

NordSIMS: CALL FOR PROPOSALS, 2017 (application deadline: October 15, 2016)



Applications are invited for analytical time at the Nordic ion microprobe facility (NordSIMS). 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, environmental and planetary sciences. Currently established analytical procedures include:

- *Highest spatial/volume resolution U-Th-Pb geochronology of zircon, monazite, titanite*
- *Pb isotope ratio determination in silicates*
- *Trace element determination in silicates, phosphates and carbonates*
- *Boron isotopes analysis of silicate glasses, tourmaline*
- *Oxygen and silicon isotope analysis in zircon, quartz and other silicates*
- *Oxygen and carbon isotope analysis in carbonates*
- *Halogen concentration and stable Cl isotope measurements in phosphates/glasses*
- *Quadruple sulphur isotope analysis*
- *Ion imaging of isotopes and trace elements*

Other analytical methods may exist or can be developed collaboratively - please enquire to martin.whitehouse@nrm.se. Applications received on or before the deadline will be evaluated and successful projects will be scheduled to run during 2017. A daily access fee (to be determined for 2017 and dependent on whether you are based in a NordSIMS full-/associated- or non-member country) will be levied on accepted projects. Further details about the NordSIMS 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.

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| Denmark | Robert Frei (robertf@geol.ku.dk) |
| Finland | Hannu Huhma (hannu.huhma@gtk.fi) |
| Iceland | Sæmundur Ari Halldórsson (saemiah@hi.is) |
| Norway | Bernard Bingen (bernard.bingen@ngu.no) |
| Sweden | Anders Scherstén (anders.schersten@geol.lu.se) |

All applications should be e-mailed with the subject "NORDSIMS 2017" to kerstin.linden@nrm.se with a copy also to the national representative. Late applications cannot be considered.