



SWEDISH MUSEUM OF  
NATURAL HISTORY



## CALL FOR PROPOSALS, 2024 (Application deadline: October 15th, 2023)

Applications are invited for analytical time at NordSIMS-Vegacenter, a Swedish Research Council supported national infrastructure for microanalysis and imaging in the Earth, environmental and planetary sciences that comprises the NordSIMS ion microprobe facility and the Vegacenter facility for (LA-)ICP-MS. Applications are particularly encouraged from members of under-represented and historically disadvantaged groups.

The facility is equipped with: (1) a **CAMECA IMS1280 large-geometry ion microprobe** for high spatial resolution, *in situ* isotopic and elemental analysis and ion imaging; (2) a Nu Instruments **Plasma II multi-collector ICP-MS** (with Plasma 3 upgrade) for isotope analysis; (3) a Nu Instruments **AttoM high resolution ICP-MS** for trace-element analysis; (4) a Thermo **Triton TIMS** and (5) an **ESEM** (with EBSD). Both ICP-MS instruments can also be coupled to an **ESI NWR193UC laser ablation system** (ArF excimer) for *in situ* analysis.

Currently established analytical procedures can be found on the infrastructure web pages, [www.nrm.se/nordsim](http://www.nrm.se/nordsim) or [www.nrm.se/vegacenter](http://www.nrm.se/vegacenter). Other analytical methods may exist or can be developed collaboratively – please enquire to [martin.whitehouse@nrm.se](mailto:martin.whitehouse@nrm.se) or [chris.mark@nrm.se](mailto:chris.mark@nrm.se).

Applications received on or before the deadline will be evaluated by the NordSIMS-Vegacenter Steering Committee and successful projects will be scheduled to run in 2023. The sole criteria for assessment are scientific excellence and technical feasibility.

All **new** applications should comprise the following:

- 1) **Application form** with summary project information;
- 2) **Detailed project description** (max. 2 pages A4, 12pt font);
- 3) **User statistics form** (this information will not be used for evaluation).

Applications which are **continuations of previously approved projects** should complete only the **ongoing project form**. All application forms may be downloaded from [www.nrm.se/nordsim](http://www.nrm.se/nordsim) or [www.nrm.se/vegacenter](http://www.nrm.se/vegacenter), together with more detailed call information. Alternatively, forms are obtainable from the facility on request. Completed applications should be e-mailed with the subject “NordSIMS-Vegacenter 2023” to [nordsims-vegacenter@nrm.se](mailto:nordsims-vegacenter@nrm.se) (please note, this email address has been updated from previous years).