

Accepted projects 2017

Helen Coxall - Stockholm University

Project: Mg/Ca in Arctic benthic foraminifera tests using LA-ICP-MS depth profiling
Analytical method: in situ Mg/Ca in foraminifera shells

Arne Bjørlykke - Norges geologiske undersøkelse, Trondheim

Project: The relationship between lead in the Precambrian basement and lead in the overlying Cambrian sediments - a study from the Caledonides
Analytical method: in situ Pb isotopes in feldspar

Sabina Strmic Palinkas - University of Tromsø, Norway

Project: Geodynamic setting of sedimentary exhalative (SEDEX) and volcanogenic massive sulfide (VMS) ore deposits in Nordland, Northern Norway
Analytical methods: in situ U-Pb dating of rutile, Sr isotopes in calcite, Fe isotopes in Fe-oxides and sulfides

Nils Jansson - Luleå University of Technology

Project: REE distribution in fluorapatite from Zinkgruvan, Bergslagen, Sweden
Analytical method: in situ REE in apatite

Mikael Tillberg - Linnaeus University

Project: Provenance of sandstones in the southern Baltic shield
Analytical method: in situ Hf isotopes in zircon

Thomas Stevens - Uppsala University

Project: Tackling the problem of Chinese loess-dust source using Pb-isotopes in K-feldspar
Analytical method: in situ Pb isotopes in feldspar

Karin Högdahl - Uppsala University

Project: U-Pb geochronology and Hf-isotope compositions of the volcanic succession in westernmost Bergslagen: implication for the stratigraphic position of different iron oxide mineralisations and host rock signatures
Analytical methods: in situ U-Pb dating and Hf isotopes in zircon

Edward Lynch - Sveriges Geologiska Undersökning

Project: 4D geological modelling of the Tjärrojjäcka Fe-Cu ± Au deposit, northern Sweden

Analytical methods: in situ U-Pb dating of apatite, titanite & zircon, TE analysis in apatite & magnetite

Zhouling Zhang - Lund University

Project: Processes controlling the silicon isotope distribution in the Baltic Sea - silicon isotopes of Ore River Estuary and pore water in Gotland Basin sediments

Analytical method: Si isotopes in solution

Mehis Rohtla - University of Tartu, Estonia

Project: Otolith $^{87}\text{Sr}:$ ^{86}Sr analyses for fish life-history studies

Analytical method: in situ Sr isotopes in otoliths

Austin Jarl Boyd - University of Copenhagen, Denmark

Project: Zircon ages and Hf isotopic compositions from Isua Supracrustal Belt felsic formation

Analytical methods: in situ U-Pb dating and Hf isotopes in zircon

Hanne-Kristin Paulsen - University of Tromsø, Norway

Project: Metallogeny of the Vannøya island, West Troms Basement Complex (WTBC), Northern Norway

Analytical methods: in situ U-Pb dating of rutile, Sr isotopes in calcite, Fe isotopes in Fe-oxides and sulfides

Kerstin Lidén - Stockholm University

Project: Archaeological strontium analysis

Analytical method: in situ Sr isotopes in teeth

Accepted projects 2016

Ernest Chi Fru - Stockholm University

Project: Trace metal partitioning and Fe isotope fractionation by Fe(III)(oxyhydr)oxides across the Great Oxidation Event

Analytical method: Fe isotopes in solution

Henrik Drake - Linnaeus University

Project: Strontium isotope variation within zoned secondary calcite and barite as a tool to distinguish discrete low-temperature hydrochemical events in deep bedrock fractures

Analytical method: in situ Sr isotopes in calcite

Patrick Frings - Lund University

Project: Silicon isotopes at the Paleocene-Eocene carbon isotope excursion

Analytical method: Si isotopes in solution

Olof Martinsson - Luleå University of Technology

Project: Vein- and mineralization paragenesis of the Liikavaara Cu-(W) deposit, northern Sweden - a key to its origin

Analytical method: in situ U-Pb dating of zircon

Daniel Conley - Lund University

Project: Silicon isotope constraints on sources of increased dissolved silicon in hypoxic/anoxic deep waters in Baltic Proper

Analytical method: Si isotopes in solution

Magnus Mörrth - Stockholm University

Project: Weathering balances and the influence of natural sulfur sources

Analytical method: S isotopes in solution

Margareta Hansson - Stockholm University

Project: Sulphur signals in ice cores

Analytical method: S isotopes in solution

Zivile Zigaite - Uppsala University

Project: Tracing palaeoenvironmental triggers of Mesozoic hybodont shark migration and evolution of their non-marine habitats

Analytical methods: in situ Sr & Nd isotopes in shark fin spines

Accepted projects 2015

Xiaole Sun - Stockholm University

Project: The fate of dissolved silicon in Arctic rivers and sediments and insight into the global carbon cycle

Analytical method: Si isotopes in solution

Patrick Frings - Lund University

Project: Silicon and lithium isotopic tracers of weathering: What are they telling us?

Analytical method: Si isotopes in solution

Kerstin Lidén - Stockholm University

Project: Seasonality in diet in a hunter gatherer population on Gotland

Analytical method: in situ Sr isotopes in human teeth

Aikaterini Glykou - Stockholm University

Project: Seal exploitation in the Baltic Sea during the mid- and late Holocene

Analytical method: in situ Sr isotopes in seal teeth

Vicky Pease - Stockholm University

Project: Arctic Alaska and Eurasian Orogens

Analytical methods: in situ Pb isotopes in feldspar & Hf isotopes in zircon