



# Magdalena M.E. Schmid

## Dating Vikings across the North Atlantic: Ingolf of Smoky Bay, Erik the Red, and Leif the Lucky

### CENTRE FOR ARCHAEOLOGICAL SCIENCE (CAS) SEMINAR SERIES

**DATE:** FRIDAY 27TH JULY 2018  
**TIME:** 3:30-4:30PM  
**VENUE:** 41.G03A, UOW  
**PRESENTER:** MAGDALENA M.E. SCHMID



Magdalena Schmid is currently completing her Ph.D. at the University of Iceland. Magdalena's work lies at the cross-road of archaeology, statistics, and earth sciences. Her research interests include the improvement of archaeological and paleoenvironmental chronologies using Bayesian analysis of tephrochronology, radiocarbon and historical dates. Her work focuses on the North Atlantic and Pacific islands as well as Eurasia.

### SEMINAR OVERVIEW:

The perfection in maritime sailing technology and skills developed in Scandinavia in the 9th century catalyzed the Norse settlement (Landnám) of pristine offshore islands in the North Atlantic that led to the first European contact with North America. Archaeological debate about Landnám primarily concerns the accurate date of settlement and whether the rates of colonization of individual islands happened in a trickle, flood or torrent; while another debate continues about the drivers of colonization. Recent tephra, paleoenvironmental and new compilations of radiocarbon datasets may propose a new narrative for the settlement of the Faroes, Iceland, and Greenland. The outcomes are robust regional-scale chronologies using recent developments in Bayesian statistical modeling in order to gain the most effective understanding of both spatio-temporal dynamics of Landnám as well as of (un)successful colonies of Ingólfr Arnarson, Erik Thorvaldsson and Leifr Eiriksson.



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