

Volcanic Fingerprints in Ice Cores Workshop – Programme and Participant List

UniS (Schanzenekstrasse 1), University of Bern

Programme

- 8:45-9:00 Welcome (Michael Sigl) and introduction to the workshop (Peter Abbott)
- 9:00-09:45 **Session 1:** Classical ice core chemical indicators of volcanism (e.g. sulphate, conductivity, DEP, etc) chaired by Michael Sigl
-Short presentations from Michael Sigl, Joel Savarino, Diana Vladimirova and Elizabeth Thomas followed by discussion
- 9:45-10:15 Coffee
- 10:15-11:15 **Session 2:** Tephra and cryptotephra records from ice cores chaired by Siwan Davies
-Short presentations from Anna Bourne, Eliza Cook, Peter Abbott, Dieter Tetzner, Helen Innes and Jean-Robert Petit followed by discussion
- 11:15-12:15 **Session 3:** Novel proxies for ice core volcanic records (e.g. sulphur isotopes, halogens, metals, etc) chaired by Joe McConnell
-Short presentations from Andrea Burke, Will Hutchison, Jihong Cole-Dai and Melanie Baroni followed by discussion
- 12:15-13:30 Lunch including **posters** from Anders Svensson, Alex Mattin, Jean-Robert Petit, Anna Bourne and William Hutchison
- 13:30-14:45 **Session 4:** Uses of ice core volcanic data (e.g. aerosol modelling, climatic impact attribution, volcanic reconstruction etc) chaired by Andrea Burke
-Short presentations from Imogen Gabriel, Joe McConnell, Holly Winton, Kirstin Krüger, Nerilie Abram and Franck Lavigne followed by discussion
- 14:45-15:30 **Breakout sessions:** Further discussion of future directions and possible outputs
- 15:30-16:00 Coffee
- 16:00-16:30 **Breakout sessions:** Further discussion of future directions and possible outputs
- 16:30-17:00 Reports from breakout sessions and wrap up
- 17:00-onwards Drinks and dinner at Restaurant Toi et Moi at 18:00



Participant List

Participant	Institution	Country	Email Address
Peter Abbott	University of Bern	Switzerland	peter.abbott@unibe.ch
Nerilie Abram	Australian National University	Australia	nerilie.abram@anu.edu.au
Melanie Baroni	Aix-Marseille Universite	France	baroni@cerege.fr
Anna Bourne	Queen Mary, University of London	United Kingdom	a.bourne@qmul.ac.uk
Andrea Burke	University of St Andrews	United Kingdom	ab276@st-andrews.ac.uk
Nathan Chellman	Desert Research Institute	United States	nathan.chellman@dri.edu
Jihong Cole-Dai	South Dakota State University	United States	jihong.cole-dai@sdstate.edu
Eliza Cook	Copenhagen University	Denmark	elizacook@nbi.ku.dk
Laura Crick	University of St Andrews	United Kingdom	lc258@st-andrews.ac.uk
Siwan Davies	Swansea University	United Kingdom	siwan.davies@swansea.ac.uk
Imogen Gabriel	University of Bern	Switzerland	imogen.gabriel@unibe.ch
William Hutchison	University of St Andrews	United Kingdom	wh39@st-andrews.ac.uk
Helen Innes	University of St Andrews	United Kingdom	hi7@st-andrews.ac.uk
Kristin Krüger	University of Oslo	Norway	kirstin.kruger@geo.uio.no
Franck Lavigne	University of Paris	France	franck.lavigne@univ-paris1.fr
Alexander Mattin	Royal Holloway, University of London / Victoria University of Wellington	United Kingdom/New Zealand	alexander.mattin@gmail.com
Joseph McConnell	Desert Research Institute	United States	jmconn@dri.edu
Jean-Robert Petit	Institut des Geosciences de l'Environnement, CNRS	France	jean-robert.petit@univ-grenoble-alpes.fr
Joel Savarino	Institut des Geosciences de l'Environnement, CNRS	France	joel.savarino@univ-grenoble-alpes.fr
Michael Sigl	University of Bern	Switzerland	michael.sigl@unibe.ch
Anders Svensson	University of Copenhagen	Denmark	as@nbi.ku.dk
Dieter Tetzner	British Antarctic Survey	United Kingdom	dietet95@bas.ac.uk
Liz Thomas	British Antarctic Survey	United Kingdom	lith@bas.ac.uk
Diana Vladimirova	British Antarctic Survey	United Kingdom	diaadi@bas.ac.uk
Holly Winton	Victoria University of Wellington	New Zealand	holly.winton@vuw.ac.nz
Sophia Wensman	Desert Research Institute	United States	sophia.wensman@dri.edu