# Subglacial Antarctic lake exploration: first results and future plans

**Monday 30 – Tuesday 31 March 2015**  
Organised by Professor Martin Siegert, Professor John Priscu, Dr Irina Alekhina, Professor Jemma Wadham and Professor Berry Lyons

<table>
<thead>
<tr>
<th>DAY 1</th>
<th>DAY 2</th>
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| **SESSION 1:** Subglacial environments and habitats for life  
Chair: Berry Lyons | **SESSION 4:** Technological challenges in the exploration of subglacial lakes  
Chair: John Priscu |
| **SESSION 2:** The role of subglacial lakes in basal hydrology and ice dynamics  
Chair: Irina Alekhina | **SESSION 3:** Sedimentary records in subglacial lakes  
Chair: Jemma Wadham |
| **09:00** Welcome by Peter Knight FRS & Martin Siegert | **13:30** Vladimir Lipenkov  
Lake Vostok access programme |
| **09:05** Dr Jill Mikucki  
Geomicrobiology: Lake Whillans | **09:00** Slawek Tulaczyk  
Every lake is special: Geologic and glaciologic basis for diversity of Antarctic subglacial lakes |
| **09:30** Discussion | **14:00** Discussion |
| **09:45** David Pearce  
Microbiology: Lake Ellsworth | **09:45** Dominic Hodgson  
Technologies for retrieving sediment cores in Antarctic subglacial settings |
| **10:15** Discussion | **14:45** Discussion |
| **10:30** Coffee | **10:30** Coffee |
| **11:00** Sergey Bulat  
Microbiology: Lake Vostok | **11:00** Robert Mckay  
Sedimentary climate records: ANDRILL and beyond |
| **11:30** Discussion | **16:00** Discussion |
| **11:45** John Parnell  
Physical and Chemical controls on life in the deep subsurface | **15:30** Frank Rack  
Lake Whillans access programme |
| **12:15** Discussion | **16:15** Mahlon C. Kennicutt  
Summary of discussions and closing remarks |
| **12:30** LUNCH | **17:00** LUNCH |

*Draft programme – correct as of 02/02/2015 – subject to change*