

A must for anyone studying climate change!

SPECIAL EVENT

The only staging of this show in NSW!



Earth image courtesy NASA Science Visualisation Studio, GSFC; Penguin: Getty Images

The Australian National Maritime Museum is presenting two sessions of the Polar Palooza extravaganza:

WHEN

10.30am Thursday 12 November (primary)

10.30am Friday 13 November (secondary)

WHERE

**Australian National Maritime Museum,
Darling Harbour**

COST

\$5.00 per student Teachers free

Bookings are essential

Make a day of it and visit one of our Darling Harbour neighbours afterwards! See animals of the Antarctic up close at Sydney Aquarium!

A special discount of \$1.00 per student is available at both venues when you book Polar Palooza plus the Aquarium!

In honour of the 50th anniversary of the Antarctic Treaty and the many years of peaceful international scientific exploration of the Antarctic regions, *Polar Palooza* brings together a team of international working researchers in the areas of biology, geology, oceanography and climate studies.

The show features mesmerizing presentations and high definition video clips of the wildlife of both poles; visualisations generated by NASA satellite showing key processes such as shrinking sea ice; authentic polar artefacts such as ancient ice cores, fossils and cold weather clothing from which audiences can touch and learn. The show addresses the issue of climate change in an engaging and accessible manner for school students.



Antarctic wildlife



Arctic fjord

POLAR PALOOZA

Investigating our changing planet


AUSTRALIAN
NATIONAL MARITIME
MUSEUM

THE PRESENTERS

Polar Palooza will feature six scientists from the United States and Australia:

- **USA** - Mike Castellini: an expert on marine mammals both in the Arctic and Antarctic.
- **USA** - Richard Glenn: an Inupiat Eskimo, a whaling captain & a trained geologist.
- **USA** - Jackie Richter-Menge: an expert on Arctic sea ice, and leader of the first US International Polar Year science expedition.
- **Australia** - Martin Riddle: An expert on ocean acidification and also a diver, he will bring a dry suit and talk about diving under the ice.
- **Australia** - Rod King: an expert on krill and other Southern ocean life. Quarantine permitting, he will bring live krill and phytoplankton.
- **Australia** - Tessa Vance: will be speaking about ice cores and how they reveal the Earth's climate history, and quarantine permitting, will bring a piece of 2,000 year old ice!

Meet the scientists afterwards!

Polar Palooza is supported by the National Science Foundation USA and is an official International Polar Year activity. Presenters subject to change.

Images courtesy National Science Foundation (USA)



Giant Arctic ice formation



Amazing Antarctic iceberg



Scientists at work in the Arctic

BOOKINGS & INFORMATION

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Email: bookings@anmm.gov.au

Website: www.anmm.gov.au/polarpalooza

Earth's Poles are the coldest, most remote and remain the most unexplored regions on our planet. But what happens there affects weather and climate everywhere, even in such a vast, hot and dry continent as Australia.

Today the Arctic and Antarctica are changing faster than anywhere else on Earth: and those changes affect all of us – today and in the future. **FIND OUT HOW AT POLAR PALOOZA!**