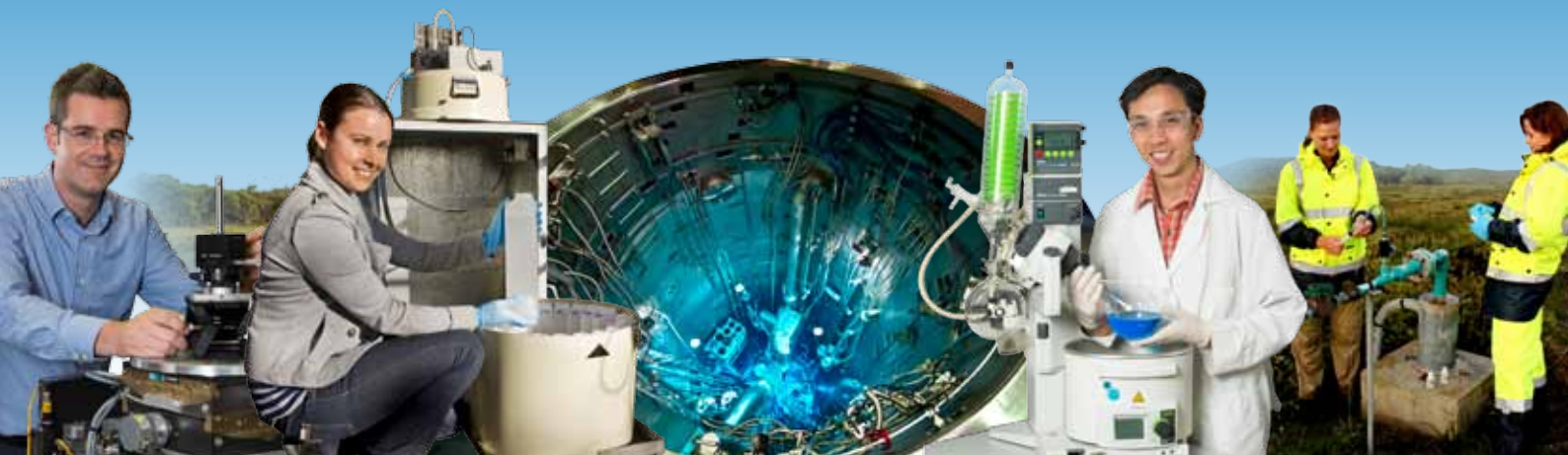


# You're invited



## Discover ANSTO

### Learn something new

The Australian Nuclear Science and Technology Organisation (ANSTO) is one of Australia's most important public research facilities. You're invited to go behind the scenes and see the instruments scientists use to improve our health, understand our environment and develop new solutions for industry.

Get your friends, family or local club together and book a seat on the new ANSTO community tour.

**Discovery  
Centre**



### Join in the school holiday fun

Suitable for children 8 to 14 years, ANSTO runs School Holiday Science Workshops which are a fun way to introduce science concepts. Kids can design a water rocket and see it fly; be a forensic secret agent for a day; or learn about being a 'super hero'!

Places are limited so visit ANSTO's website to see what's on next school holidays.



### Visit us for lunch

Only a short drive from the Ridge Recreational Fields and Golf Course, the ANSTO Café is open to the public from 7am - 5pm Monday to Friday.



### Become a citizen scientist

Join the ANSTO Plastics Project and help ANSTO scientists with their research into plastic litter at the atomic level.

You could win a family trip to Fiji!

Join us now at [www.ansto.gov.au/plastics](http://www.ansto.gov.au/plastics)



# Did you know?



Nuclear science is the study of the world at the **atomic level**, and, as everything is composed of atoms, its potential applications are far-reaching.

ANSTO researchers use nuclear techniques to study **our environment** including air pollution, water resources and past climates.



If you've had a gamma camera **nuclear medicine scan** of your heart, lungs or bones, it's likely ANSTO made it possible.

On average, **one in two Australians** will benefit from the nuclear medicine produced at ANSTO.

Scans involving nuclear medicine can diagnose tumours and show the function of organs and how other parts of your body are working, in ways X-rays cannot.

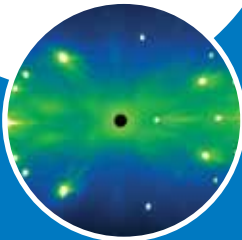
The **ANSTO Nuclear Medicine Project** is set to see Australia become a global leader in the high-end manufacturing of nuclear medicine by 2016.



Australia is currently **ranked No.1 in nuclear security** against 170 other countries including the UK and USA. This is testament to the work ANSTO undertakes to achieve a high standard of security and safeguards for its people and the wider community.



ANSTO supports **Australian industries** through researching opportunities for improved food manufacturing processes and new battery technology for the transport industry. It was also behind the development of Biogill® waste water treatment technology.



On behalf of Australia, ANSTO will be required to safely store nuclear waste returning from France in 2015 on an interim basis until a National Radioactive Waste Management Facility is sited and built. The waste is equivalent to 1/3 of a shipping container and is the by-product of over 50 years of research and nuclear medicines which benefited generations of Australians.

For more information visit [www.radioactivewaste.gov.au](http://www.radioactivewaste.gov.au)


**Nuclear research techniques are so sensitive**, it's the equivalent to being able to detect a single glass of red wine if it was dropped into Sydney Harbour.



Australian Government

# ansto

Nuclear-based science benefiting all Australians

 02 9717 3090

 [www.ansto.gov.au/tours](http://www.ansto.gov.au/tours)

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