



**Seminar streamed
LIVE online**
for those unable to
attend in person

Tour and public lecture

⚡ Electrifying Discoveries: Using Particle Accelerators for research in in air pollution, radiobiology and electronic chips that go into space

Get up to speed with the amazing technology and research at The Centre for Accelerator Science (CAS) at ANSTO. With four powerful accelerators, this world-class facility can accelerate ions from hydrogen to uranium at speeds up to 30,000kms a second. The interactions of these ions with a range of different samples allows for studies in accelerator mass spectrometry (AMS) and ion beam analysis (IBA) to be performed allowing for impactful applications in areas such as fine particle air pollution, microdosimetry of biological cells, and the irradiation of electron chips bound for space.



Prof David Cohen

Distinguished Research Scientist
Centre for Accelerator Science, ANSTO

Professor Cohen has over 260 refereed journal publications, over 500 conference and report presentations. He is recognised nationally and internationally as a leader in the accelerator science field with a strong research background in materials science, environmental studies and life sciences. He has been an international expert in ion beam analysis and accelerator systems for the International Atomic Energy Agency (IAEA), a UN body base in Vienna, since 1991.

Professor Cohen is a Fellow of the Australian Institute of Physics and the Clean Air Society of Australia and New Zealand, and an Honorary Professor in the Faculty of Engineering at the University of Wollongong. In 2009 he was elected a Fellow of the Australian Academy of Technological Sciences and Engineering (FTSE) for his sustained contributions to Australian research.

Book now!

In association with



WHEN

Tuesday 18 June, 2024



WHERE

Australian Institute of Nuclear Science and Engineering (AINSE) at ANSTO, Lucas Heights, Sydney



COST

Tour and public lecture _____ **FREE**
Optional dinner _____ **\$60 per person**



RSVP FOR DINNER BOOKINGS

Friday 14 June, 2024



BOOKINGS



ENQUIRES

Phone _____ **02 9717 3090**
Email _____ **tours@ansto.gov.au**

PROGRAM

5.30pm - 6.30pm

Tour of ANSTO's Centre for Accelerator Science (Optional)

7.00pm - 8.00pm

Electrifying Discoveries Seminar
with Professor David Cohen

8.30pm - 10.00pm

Optional Dinner at
Rocksalt Menai
(\$60pp)