

SUBMISSION OF ABSTRACTS

Abstracts of no more than 300 words can be prepared using the template available at www.flinders.edu.au/aems and submitted at any time up to 10th July, 2016 to ceem@flinders.edu.au. Receipt of your abstract will be acknowledged by email. Please indicate your preference of giving an oral presentation or a poster. Selection of papers to be given at the Symposium will be made by the 31st of July and corresponding authors notified. Presentations are to be 15 minutes in length with 5 minutes for questions. Posters are to be prepared in AO or A1 size with portrait orientation. All papers are to be written and presented in the English language.

Authors are personally and solely responsible for obtaining organisational clearance for their paper (abstract and presentation) before submitting it to the Symposium for presentation and publication. In granting the clearance approval it should be understood that the symposium is held at an UNCLASSIFIED level and that the abstracts will be published in the Seminar Proceedings. Permission to release presentations to attendees can be given on the submission form.

PASSPORT, VISA ADVISORY AND WARNING

All travellers, except New Zealand citizens, must obtain a visa or travel authority before travelling to Australia. We strongly recommend starting the visa application process early.

BEST PRESENTATION AWARD

Honours, Masters and PhD Students will be eligible for an AEMS Prize based on their presentation.

SYMPOSIUM STEERING COMMITTEE

Assoc. Prof. Stewart Walker – Director CEEM, Flinders University

Dr. Chad Prior – Deputy Director CEEM, DST Group

Assoc. Prof. Martin Johnston - Flinders University

Dr. Jason Brusnahan – DST Group

Prof. Paul Kirkbride – Flinders University

Dr. Ben Rogers – DST Group

WORKSHOP (HELD DURING SYMPOSIUM)

Energetic Materials research in an Academic Environment

The goal and primary focus of this workshop is to determine viable energetic materials research opportunities within Australia and overseas. The workshop will include a number of University representatives facilitated by the DST Group University liaison officers to discuss their research strengths that could have an energetic materials application.

SYMPOSIUM LOCATION

AEMS will be held at Flinders in the City
182 Victoria Square
Adelaide SA 5000



Australian Government

Department of Defence

Defence Science and
Technology Group

AEMS The 5th Australian Energetic Materials Symposium

Proudly presented by the
Centre of Expertise in Energetic Materials
September 26–28, 2016
Adelaide, South Australia

For further information please visit
flinders.edu.au/aems

A Flinders University 50th Anniversary Event



Flinders
UNIVERSITY

CELEBRATING
50 years
OF INSPIRING
ACHIEVEMENT

SYMPOSIUM FOCUS AREAS

The Australian Energetic Materials Symposium (AEMS) is a biennial meeting that draws together researchers in energetic materials and provides a forum for discussion and collaboration. Proudly presented by the Centre of Expertise in Energetic Materials, the 5th Australian Energetic Materials Symposium has six key focus areas:

- **Energetics Detection, Characterisation and Forensic Examination**
- **Advanced Manufacturing: New Technologies and Approaches for Energetics Manufacturing**
- **Nano Energetics: Opportunities and Challenges of Nano-Energetics**
- **Green Energetics: Novel Chemical Approaches to Address Environmental Regulations**
- **Advanced Materials for Energetic Applications**
- **Explosives Safety, Training and Lessons Learnt**

SEMINAR REGISTRATION

To download a registration form visit www.flinders.edu.au/aems. Please complete all sections of the registration form. The registration fee includes all sessions of the Symposium and Workshop, attendance at the Symposium Dinner (Tuesday 27th September), lunch for each day and morning and afternoon teas.

REGISTRATION

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|-----------------------|-------|
| Student | \$200 |
| CEEM Member | \$300 |
| CEEM Associate Member | \$450 |
| Delegate | \$600 |

KEYNOTE SPEAKERS

Professor Jimmie Oxley – is Professor of Chemistry at the University of Rhode Island (URI) and Co-Director of the URI Center of Excellence in Explosives Detection, Mitigation, and Response. Professor Oxley's research focusses on hazard analysis of energetic materials with studies including kinetics, analysis and prediction of stability, safety issues, synthesis of energetics, and analytical protocols.

Professor Arian van Asten – is Head of Research and Development at the Netherlands Forensic Institute, holds a Special Chair in Forensic Analytical Chemistry at the University of Amsterdam and is Director of the CLHC - Amsterdam Center for Forensic Science and Medicine. Professor van Asten's research interests include the chemical profiling of explosives, mass spectrometric and spectroscopic chemical imaging and chemical analysis at the crime scene including lab-on-a-chip technology.

ADELAIDE SOUTH AUSTRALIA

Adelaide is South Australia's cosmopolitan coastal capital. With a population of slightly more than one million, Adelaide is the "20 minute city". The airport is only seven kilometres from Adelaide city. Its ring of parkland on the River Torrens is home to renowned museums such as the Art Gallery of South Australia, displaying expansive collections including noted Indigenous art, and the South Australian Museum, devoted to natural history. Adelaide has rolling hills to the east and beaches to the west. The city is also close to South Australia's famous wine regions that are only an hour drive away.

SUGGESTED HOTELS

Hotels adjacent to the venue include:

- Hilton Adelaide, 233 Victoria Square

- Adina Apartment Hotel Adelaide Treasury,
2 Flinders Street

A range of accommodation options are available in close proximity to the conference venue.

SCHEDULE OF EVENTS

June 10, 2016 Abstracts and Registration opens

July 10, 2016 Submission of abstracts close

July 31, 2016 Presenters notified of acceptance

August 31, 2016 Registration closes

September 26-28, 2016

5th Australian Energetic Materials Symposium