

BATTERIES RESEARCH AND DEVELOPMENT

Hosted by Australian Society for Defence Engineering (ASDE)
And Electric Energy Society of Australia (EESA)



ENGINEERS
AUSTRALIA

DATE & TIME

5 May 2014
5.30 pm refreshments for 6.00 pm to
7.30 pm including Q and A

VENUE

Engineers Australia Auditorium
Ground Floor, 8 Thomas Street
Chatswood.

TICKETS

Sponsored by ASDE at no cost to registrants. Places will be reserved in order of receipt of registrations.

REGISTRATIONS CLOSE

1 May 2014

[REGISTER ONLINE](#)

CONTACT

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Technical Seminar by Australian Society for Defence Engineering NSW Chapter (ASDE) and Electric Energy Society of Australia (EESA).

Seminar outline

Batteries are used universally for storage of electrical energy. Australian defence applications range from infantry soldiers to submarine propulsion.

Research and development has been stimulated by increasing demand for electric powered vehicles and in renewable energy.

This seminar will be presented by two eminent researchers/developers in Battery Technology.

- Professor A Vassallo (PhD Chemistry). He is Delta Electricity Chair in Sustainable Energy Development, School of Chemical and Biomolecular Engineering at The University of Sydney.
- Dr Jon Pemberton (PhD Mechanical Engineering, Imperial College University, London). He is a Member of the Institution of Mechanical Engineers London and Fellow of Australian Institute of Energy

Seminar research and developments include energy storage related to power supplies and game changing advances in Lithium battery technology.

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SPEAKERS

Professor A Vassallo, PhD Chemistry

Anthony is Delta Electricity Chair in Sustainable Energy Development, School of Chemical and Biomolecular Engineering at The University of Sydney.

He will outline current research and development of battery technology. He notes that current battery technology is costly and generally has a short life span. Prof Vassallo believes that energy storage is the 'missing link' to a more resilient electricity supply.



Dr Jon Pemberton, PhD Mechanical Engineering, Imperial College University, London

Dr Pemberton is the Managing Director of Zest Energy an Australian company specialising in Renewable Energy and Energy Storage solutions. Dr Pemberton is a Member of the Institution of Mechanical Engineers, London and a Fellow of the Australian Institute of Energy.

Jon will present game changing advances in Lithium battery technology for high energy and high power energy storage. He will also mention defence factors.

