

# RSWA Energy for the Next Century Forums

The University Club, UWA

**Forum 1: Thursday 15<sup>th</sup> May, 6.00 pm for 6.30 pm**

**Forum 2: Thursday 29<sup>th</sup> May, 6.00 pm for 6.30 pm**

There have been great changes in energy use and production in the past 100 years. In the coming century we face two major challenges:

- running out of easily extracted conventional fuels and the search for **future fuels**, and
- how to mitigate **the impact of energy use on increasingly fragile ecosystems**.

In these forums we seek comment from experts on the controversial **wind** turbine fields, the sustainability and possibilities of better returns from **nuclear** and **solar** energy, and the future of **geothermal** energy, **wave** power and energy from **fusion**, followed by a **Q and A panel session**.

## PROGRAMME

**6.00 pm: Registration and Refreshments** (canapés and drinks)

**6.30 pm: Forum**

**8.10 pm: Q and A Panel Session**

### Forum 1:

**Geothermal Energy.** Winthrop Professor Klaus Regenauer-Lieb (School of Earth and Environment, The University of Western Australia).

**Opportunities and Challenges for Ocean Renewable Energy in the Twenty-First Century.** Dr Laurence Mann (Research & Intellectual Property Manager, Carnegie Wave Energy Limited).

**Fundamental Research for Improved LNG Production with Reduced Environmental Impact.** Winthrop Professor Eric May (Chevron Chair in Gas Process Engineering Centre for Energy, School of Mechanical & Chemical Engineering, The University of Western Australia).

**Fusion — a Sustainable Energy Source for the Future.** Dr Barry Green (Research Fellow, School of Physics, The University of Western Australia).

### Forum 2:

**Prospects for Photovoltaics.** Emeritus Professor Philip Jennings (Murdoch University).

**Concentrated Solar Thermal Energy Storage.** Professor Craig Buckley (Dean of Research in the Faculty of Science and Engineering and Professor of Physics in the Department of Imaging and Applied Physics, Curtin University).

**Wind Power.** Professor Syed Islam (John Curtin Distinguished Professor, Department of Electrical & Computer Engineering, Curtin University).

**Australia's Nuclear Policy.** Dr Chris Hubbard (Senior Lecturer in International Relations and National Security in the Department of Social Sciences and International Studies, Curtin University).

**Register for ONE or BOTH at Eventbrite (queries [secretary@rswa.org.au](mailto:secretary@rswa.org.au))**

**One forum:** \$36 (Members \$26, Students \$22)

**Both forums:** \$66 (Members \$46, Students \$40)