

1340th ORDINARY GENERAL MEETING
Wednesday 6 May 2026 at 6:00pm

Via Zoom Webinar

The 1340th Ordinary General Meeting of the Royal Society of NSW will take place at **6:00 pm on Wednesday 6 May 2026 via Zoom webinar**, followed by an open lecture.

AGENDA

- 1. WELCOME AND APOLOGIES**
President, Em Prof Christina Slade FRSN.
- 2. MINUTES**
Confirmation of the minutes of the 1335th Ordinary General Meeting.
- 3. PRESENTATION OF FELLOWSHIP AND MEMBERSHIP CERTIFICATES**
At the next face-to-face Ordinary General Meeting, to be held on 10 June, the President will present certificates to newly elected Members and Fellows who have advised the Secretariat of their attendance.
- 4. REPORT FROM COUNCIL AND COMMITTEES OF COUNCIL**
The President will brief members on key activities and priorities underway for 2026.
- 5. OPEN LECTURE**

“Household Electricity Use and Investment”

Professor Jeffrey Reimers FRSN FAA FRACI

Director, International Centre for Quantum and Molecular Structures,
Department of Physics
Shanghai University, Shanghai, China
and
Honorary Associate
School of Mathematical and Physical Sciences
University of Technology Sydney

Summary: Electricity production, transmission, use, and pricing in eastern states are very complex, with consumer reports indicating very poor community understanding of the basic features. In this presentation, a broad, holistic view is presented. The focus is on how users can save money and be environmentally friendly in their energy use, how to understand and optimise retailer plans and distributor tariffs, and how to optimise investment in household solar power, solar batteries, and electric-vehicle technologies. Indeed, a strong connection is made between saving money and being environmentally friendly. A central aspect is understanding of the “spot price” and how that is used to stabilise the grid and hence provide the means by which energy production can be transformed from coal/gas to renewables, as well as its role in setting consumer costs and investment returns. Bring an electricity bill to discuss.

About the speaker

Jeff Reimers studied organic spectroscopy under Ian Ross and Gad Fischer before doing a PhD with Bob Watts on the structure, thermodynamics, and spectroscopy of water and ice. He then studied semiclassical quantum mechanics in the USA under Kent Wilson and Rick Heller, before returning to Australia to be an ARC Research Fellow from 1985 to 2010 at the University of Sydney and there as a professor until 2013. There, he collaborated extensively

with Noel Hush and Max Crossley on problems involving electron transfer, molecular electronics, porphyrin chemistry, self-assembly, electronic-structure theory, and photosynthesis. In 2014, he moved to a joint appointment at the University of Technology Sydney and Shanghai University to set up a multi-disciplinary quantum research centre, himself focusing mostly on quantum chemistry, spectroscopy, nanophotonics, and molecular electronics. His work spans a wide range of applications, from solar energy conversion to electronic devices to the origins of consciousness. He has received the RACI Physical Chemistry Division Medal and the H.G. Smith Medal, the David Craig Medal of the Australian Academy of Science, and the 2025 Shanghai Gold Magnolia Medal; he is a Fellow of the RACI, the Royal Society of NSW, and the Australian Academy of Science.

6. VOTE OF THANKS

7. CLOSE

Em Prof Trevor Brown FRSN
Secretary