



THE ROYAL SOCIETY OF NEW SOUTH WALES

HUNTER BRANCH

An INAUGURAL meeting to establish the Hunter Branch of the Royal Society of New South Wales will be held at the Newcastle Club, 40 Newcomen Street, Newcastle NSW on Wednesday 9 October 2019 at 6.00pm followed by dinner at 7.30pm.

Apologies and enquiries to Emerita Professor Eugenie Lumbers, Acting Honorary Secretary on 0416 154 106.

For those wishing to attend the meeting and/or dinner please register at the link below. Dinner registrations close on 4 October. Meeting numbers are limited to 60.
<https://nsw-royalsoc.currinda.com/register/event/69>

For those wishing to book accommodation at the Newcastle Club please contact the Club directly on 4929 1224 and quote that you are attending as part of the RSNSW meeting organised by E.R Lumbers.

AGENDA

1 **WELCOME** – The President, Professor Ian Sloan AO FRSN

1.1 **Acknowledgement of country**

2 **Establishment of Hunter Branch – Governance**

RECOMMENDATION: that

2.1 **Branch committee**

In accordance with the Society's By-Law 16(h) a Branch Committee needs to be established consisting of a Chairman, Vice-Chairman, Honorary Secretary, Honorary Treasurer, and such other Members or Fellows as may be decided by the Branch. One member of the Committee shall be the representative of the Branch on Council. The offices of Honorary Secretary and Honorary Treasurer may be combined.

RECOMMENDATION: that the following be elected as office bearers of the Hunter Branch of the Royal Society of NSW until the next Annual General Meeting of the Branch

As Chairman.....
As Vice-Chairman.....
As Honorary Secretary.....
As Honorary Treasurer.....
Committee Members.....

2.2 Appointment of Branch representative on Council

RECOMMENDATION: that

.....be appointed as the Branch representative on the Council until the next Annual General Meeting of the Branch.

2.3 Establishment of Branch

RECOMMENDATION to Council: that

A Hunter Branch Committee having been established and acknowledgement that there are sufficient numbers of Members and Fellows willing to host regular meetings, the Royal Society of NSW establish a Hunter Branch.

3 THIS EVENING'S LECTURE

INDUSTRIES OF THE FUTURE – Professor Hugh Durrant-Whyte FRSN

Professor Hugh Durrant-Whyte is the NSW Chief Scientist and Engineer. From 2014-16 and from 2002-2010, he was a Professor and ARC Federation Fellow at the University of Sydney. From 2010-2014, he was CEO of National ICT Australia (NICTA), and from 1995-2010 Director of the ARC Centre of Excellence for Autonomous Systems and of the Australian Centre for Field Robotics (ACFR). Hugh is a world-leading authority on machine learning and robotics, and its application in areas including cargo handling, mining and defence. He has published over 300 research papers, graduated over 70 PhD students, and has won numerous awards and prizes for his work, including being named 2010 NSW Scientist of the Year. In his career he has worked with many major companies, has co-founded three successful start-up companies, and has won many awards including being named 2008 Engineers Australia NSW Engineer of the Year. He is particularly well known for his work with Patrick Corporation in delivering the automated container terminals in Brisbane and Port Botany, and for his work with Rio Tinto in pioneering the delivering the automated “Mine of the Future”. He is a Fellow of the Royal Society of NSW, an honorary Fellow of Engineers Australia (HonFIEAus), a Fellow of the IEEE (FIEEE), Fellow of the Australian Academy of Technological Sciences and Engineering (FTSE), Fellow of the Australian Academy of Science (FAA), and a Fellow of the Royal Society of London (FRS).

The NSW Office of Chief Scientist and Engineer (OCSE) supports a range of “prosperity initiatives” aiming to translate the best of NSW research into industry outcomes; from quantum technologies to robotics for agricultural, from advanced manufacturing to synthetic biology. This talk will describe the range of these initiatives including the support of Centres of Excellence, National Research Infrastructure, industry innovation networks and the new Physical Sciences Investment fund. This talk will also describe the close working of OCSE with other NSW Government Departments and Industry to develop a future industry strategy around emerging precincts and technology ecosystems.

4 VOTE OF THANKS AND CLOSE