



A gateway to the history and archives of science, technology and innovation in Australia

Publisher: Swinburne University of Technology

Edition: 2023 November (Petyan - Gariwerd calendar)

Reference: <http://www.bom.gov.au/iwk/calendars/gariwerd.shtml#lpetyan>

Find People

Find Organisations and groups

Find Archival and manuscript collections

Find Publications (offline and online)

Find Awards, prizes and medals

Find Innovations, inventions and significant cultural objects

Find major Events and expeditions

Find major Journals

See entries grouped by Tag, for example: occupation or function

Search (using Google Custom Search) e.g. name of organisation, person, phrase or word

Featured in the edition:

Resources for the History of Australian Science and Innovation

Browse Archival Resource Indexes A-Z [2023 November edition: 5 new entries, 6 amended entries]

Browse Bibliographic Indexes A-Z [2023 November edition: 552 new entries, 365 amended entries and 12 duplicates deleted]

Latest Annual Bibliography, published in *Historical Records of Australian Science* - download the pdf for free

Scientists, Organisations, Innovations and featured entries

Browse Entity Indexes A-Z [2023 November edition: 45 new entries, 1436 amended entries and no duplicates detected]

Davenport, Marjory Winifred (1924 - 2003): was closely involved with the design of all Queensland coastal vessels and marine civil engineering works from 1950 until 1975.

Argyle, Stanley Seymour (1867 - 1940): was one of Victoria's pioneer radiologists. His early career was as a general practitioner for 15 years in the Melbourne suburb of Kew. During this time he became interested in the application of X-rays and electricity for medical purposes.

McCracken, Kenneth Gordon (1933 -): became involved in space science early in its history and has conducted pioneering research since the 1950s. From 1959-1970 he focused on cosmic ray research, resulting in technology that would protect astronauts from harmful cosmic radiation produced by sun flares.

Amal, Rose (1965 -): a chemical engineer renowned for her research in fine particle technology, photocatalysis and functional nanomaterials. Her research focuses on systems for solar and chemical energy conversion applications, particularly air and water purification.

White, Norman Robert (Bob) (1911 - 2005): was Chairman of the State Electricity Commission of Victoria from 1971 until he retired in 1974. During that period he was involved with the Newport gas-fired power station, Snowy Mountains Scheme and Latrobe Valley power operations.

Strickland, Tom Percival (1875 - 1955): was Chief Electrical Engineer of the Melbourne and Metropolitan Tramways Board, from the inception, planning and development of electrical trams in Melbourne in 1921, until he retired in 1938.

Sydney Harbour Trust Commissioners (1901 - 1936): consisted of three commissioners appointed by the Governor, to be generally responsible for the improvement and preservation of the Port of Sydney.

Chemeca Medal (1982 -), Australian and New Zealand Federation of Chemical Engineers [from 1997]: the highest award in the chemical engineering profession in Australia and New Zealand, has been awarded annually since 1982.

Royal Australasian College of Radiologists (1972 - 1998): a not-for-profit professional organisation for clinical radiologists and radiation oncologists in Australia, New Zealand and Singapore. It has a complex history of name changes.

Royal Commission for Promoting Technological and Industrial Instruction (1869 - 1890), Parliament of Victoria: was appointed by the Parliament and Governor of Victoria for the purpose of promoting Technological and Industrial Instruction, by lecture or otherwise, among the Working Classes of Victoria. It arose out of the success of the Intercolonial Exhibition of 1866.

Introduction:

The *Encyclopedia of Australian Science and Innovation* brings together information from a broad range of sources. It is a register of the people and their communities including the many industries, corporations, research institutions, scientific societies and other organisations that have contributed to Australia's scientific, technological and medical heritage through all time. Importantly, it includes references to related archival materials, museum objects and collections, and a bibliography of historical published literature.

Research, curation and web publication is supported by the Centre for Transformative Innovation, Swinburne University of Technology. Web publication is by serial editions with at least four editions per year. Each edition contains new entries or articles as well as corrections and additions to existing entries.

The *Encyclopedia* acknowledges all Aboriginal and Torres Strait peoples of Australia, the traditional custodians of country. It recognises and supports their connections to land, sea and community. We pay our respect to their elders past, present and emerging, and extend that respect to all First Nations people of the world.

We aim to be a 'living archive' and strive to represent all knowledge in an honest and respectful manner.

On 24 November 2022 (5.45pm), the Centre for Transformative Innovation at Swinburne University of Technology hosted an event at the Hawthorn Campus to celebrate the next phase in the life of the Encyclopedia. For more information see [Launch 2022](#)

Exhibitions - selected stories explored in more depth

All exhibitions from 1996 onwards

Other useful resources

Historical Records of Australian Science, Australian Academy of Science and CSIRO Publishing. The history of science, pure and applied, in Australia, New Zealand and the southwest Pacific. Trove , National Library of Australia. Australia's free online research portal. Trove is a collaboration between the NLA and hundreds of Partner organisations around Australia, including this Encyclopedia.

History of Australian science, Australian Academy of Science. An introduction to the historical resources of the Academy.

CSIROPedia, CSIRO and Swinburne University of Technology. Innovation shaping Australia and the world since 1916.

IsisCB Explore, An open access discovery service from the History of Science Society; built on 50-years of data in the *Isis Bibliography of the History of Science*.

Data Overview

In the 2023 November edition the *Encyclopedia* comprised references to 9,608 entities; 25,029 published resources; and 3,034 archival and museum collections in 318 repositories. For more details go to the [Browse](#).

In all, there are well over 2.2 million data elements captured in 44 data tables. The data can be made available in postgresql format and json-ld courtesy of project with the Australian Research Data Commons..

Publisher:



Except where otherwise noted, content on this site is

Licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License.

What do we mean by this?

Published by the Centre for Transformative Innovation, Swinburne University of Technology.

This Edition: 2023 November (Petyan - Gariwerd calendar)

Reference: <http://www.bom.gov.au/iwk/calendars/gariwerd.shtml#petyan>

For earlier editions see the Internet Archive at: https://web.archive.org/web/*/www.eoas.info

The Encyclopedia of Australian Science and Innovation uses the Online Heritage Resource Manager (OHRM), a relational data curation and web publication system developed by the eScholarship Research Centre and its predecessors at the University of Melbourne 1999-2020. The OHRM has been maintained by Gavan McCarthy since 2020.

Cite this page: <https://www.eoas.info/index.html>

"Being from an oral culture, Aboriginal knowledge is an embodied and integrated system that has proven to be the most enduring human knowledge system we know of." Margo Neale (2023) introduction to *Law: the way of the ancestors* (p3)