



ENGINEERS  
AUSTRALIA

# Radar development in Australia: from World War II to the Jindalee Operational Radar Network

Engineers Australia, Level 11, 108 King William Street, Adelaide

Since the earliest days of military radar application Australia has had a vibrant radar research community, principally in government laboratories. The bombing of Darwin in 1942 led to the development, construction and deployment of Australia's first radars, however, the next major step in Australian-designed radars had to wait until the 1960's. Researchers, benefitting from earlier experiments on radar tracking of missiles launched from Woomera, began to plan and implement over-the-horizon radar systems designed for defence surveillance of Australian's northern coast. The outcome has been the Jindalee Operational Radar Network (JORN).

This presentation, based in part on the author's personal experience, reviews the radar technology development path that has led to the realisation of JORN.

**Speaker: Don Sinnott**



Don's areas of professional research and development experience have been in applied electromagnetics, including radio and radar systems, antennas and radio propagation, signal processing and global navigation satellite systems (GPS and related systems). He played a major role in development of Australia's Jindalee over-the-horizon radar system. He is a Fellow of the Institution of Engineers Australia, recipient of its M A Sargent Medal (2014) and a Life Fellow of the Institute of Electrical and Electronics Engineers (IEEE).

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## TICKETS

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Tuesday 17 July, 2018

5.30pm arrival for a

6.00pm start, 7.30pm

finish

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