

Seat selection



# TelSoc

## Telecommunications & the Digital Economy

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## The Impacts of Technology on Electromagnetic Spectrum Trends

A joint technical program seminar

Wednesday, 2nd November 2022

TelSoc, EA, IET, and IEEE members are able to register for free via the EA website.

[1]

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Book a Seat

[3]

We explore how technology drives the changes in the EMS regulations and we also examine the current national and international regulatory frameworks that exist to manage this. The presentation will also cover EMS trends in both technology and use, the interdependency between the technology and the use case, and how this creates a loop of ongoing change driven by a combination of new technology and use cases.

The key learning outcomes will be as follows:

- Gain a basic understanding of the regulatory framework for the electromagnetic spectrum
- Acquire an awareness of current trends in electromagnetic spectrum usage; and
- Learn about the technology changes that have driven these trends.

This event is a joint technical program event, hosted by Robert Tait (TelSoc) and Engineers Australia. Free registration is available to members of TelSoc, IET, and IEEE. Registration is via the EA website link: <https://www.engineersaustralia.org.au/event/2022/10/impacts-technology-electromagnetic-spectrum-trends-45776> [3]

## Date and Time

Wed, 2 Nov 2022

17:30 - 18:30 AEDT

## Location

Online Event Only

Melbourne

Melbourne VIC 3000

Australia

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## Presenter(s)

Glenn Odium

Mr Glenn Odium BEng (Elnc and Commun), MSysEng (EW)

Principal EMS Engineer, Nova Systems

Glenn has 25 years of experience in the radiofrequency engineering design and spectrum management industry with extensive experience in microwave and cellular design, spectrum management and regulatory engagements. Glenn has represented Australia in the International Telecommunications Union and the Asia-Pacific Telecommunity over an 18-year period. Glenn is the current Australian Radiocommunications Study Group 5 chair. In his previous role spanning over 14 years as the Principal Engineer of the Spectrum Planning and Engineering section within the Defence Spectrum Office attached to the Department of Defence, Glenn has led a team of radiocommunication engineers managing the use of EMS for whole of Defence.

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**Source URL:** <https://telsoc.org/event/impacts-technology-electromagnetic-spectrum-trends>

### Links

[1] <https://www.addtoany.com/share?url=https%3A%2F%2Ftelsoc.org%2Fevent%2Fimpacts-technology-electromagnetic-spectrum-trends&title=The%20Impacts%20of%20Technology%20on%20Electromagnetic%20Spectrum%20Trends> [2]

<https://telsoc.org/printpdf/3761?rate=dwyVLDvXUBFpMZS8r1X-NKDI6pYP6crfX9EgBpMd1wg> [3]

<https://www.engineersaustralia.org.au/event/2022/10/impacts-technology-electromagnetic-spectrum-trends-45776>