



# TelSoc

## Telecommunications & the Digital Economy

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### Broadband Futures Forum: LEOs and how they differ from GEOs - OneWeb's plans in Australia and competitor differences

Wednesday, 11th August 2021

This event is free to register for members and guest non-members.

[1]

★ 95 [2]

This event is fully booked or has passed.

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#### **LEOs, how they differ from GEOs, OneWeb's plans in Australia and difference from competitors**

This TelSoc Australian Broadband Futures Group Forum will be presented by Ruth Pritchard-Kelly, the Senior Advisor for Regulatory Affairs at OneWeb. The company is building an end-to-end Low Earth Orbit (LEO) satellite system to supply broadband-style data speeds to every part of the world and anticipates achieving full global coverage by around the end of 2022. LEOs differ in characteristics and capabilities from Geostationary Orbit satellites which were first launched in 1964 and previously popularised as a concept in the 1940s by the science fiction writer Arthur C. Clarke as a way to revolutionise telecommunications.

LEOs are already starting to provide new opportunities for cost-effective deployment of broadband, particularly where terrestrial or other services don't exist, perform poorly, such as in rural and remote areas, are more costly to provide, and where geostationary satellites are limited. In such situations LEOs can offer speed, bandwidth and performance improvements (including latency) and can be more quickly, simply and economically deployed. They also offer an effective means of reducing and potentially eliminating growing digital divide in particular locations, and remote communities, including indigenous areas. As for good broadband they offer improved remote health, education, sensing and other capabilities.

### **The Forum will comprise three parts.**

1. Generic presentation on Low Earth Orbit Satellites (LEOs) and how they differ from longer established Geostationary Orbit satellites (GEOs)
2. OneWeb's plans in Australia and how OneWeb differs from competitors
3. Q&A / discussion

Please note the timing of this event has been arranged to suit a predominantly Australian audience and US presenter.

Registration is via Eventbrite -- the "Book a Seat" button will redirect you (<https://www.eventbrite.com.au/e/leos-and-how-they-differ-from-geos-onewebs-plans-in-australia-tickets-164565201949> <sup>[3]</sup>). The Zoom registration link will be emailed to registered attendees in the 24 hours prior to the session. **Your early registration is requested for this international event.**

### **Date and Time**

Wed, 11 Aug 2021

20:00 - 21:30 AEST

### **Location**

Online Event Only  
Melbourne  
Melbourne VIC 3000  
Australia

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### **Presenter(s)**

#### **Ruth Pritchard-Kelly**

Ruth Pritchard-Kelly is an expert on satellite regulatory policy with over 30 years of experience. She is currently the Senior Advisor for Regulatory Affairs at OneWeb where she advises a global team of legal & technical policy analysts who worked on satellite policies internationally. Pritchard-Kelly has also worked at O3b, now SES Networks, and American Mobile Satellite Corporation. She has a Master's Degree in space and telecommunications policy from George Washington University and a J.D. from the University of Maryland. Ms. Pritchard-Kelly is on the US Commerce Department's Spectrum Management Advisory Committee, and the board of the Arthur C. Clarke Foundation.

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## Presentation Media

### Event Media:

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**Source URL:** <https://telsoc.org/event/broadband-futures-forum-leos-and-how-they-differ-geos-onewebs-plans-australia-and-competitor>

#### Links

[1] <https://www.addtoany.com/share?url=https%3A%2F%2Ftelsoc.org%2Fevent%2Fbroadband-futures-forum-leos-and-how-they-differ-geos-onewebs-plans-australia-and-competitor&title=Broadband%20Futures%20Forum%3A%20LEOs%20and%20how%20they%20differ%20from%20GEOs%20-%20OneWeb%27s%20plans%20in%20Australia%20and%20competitor%20differences> [2] [https://telsoc.org/printpdf/3251?rate=EDv627IPfX0DEA6shPzBk1spyt5frQVZ3S3QMy\\_juvE](https://telsoc.org/printpdf/3251?rate=EDv627IPfX0DEA6shPzBk1spyt5frQVZ3S3QMy_juvE) [3] <https://www.eventbrite.com.au/e/leos-and-how-they-differ-from-geos-onewebs-plans-in-australia-tickets-164565201949>