

## Tuesday, 14 October

*(Additional fee applies — limited availability. Book with one- or two-day conference packages or individually. Prices are ex-GST.)*

### ARCIA | Introduction to P25 Standards and Systems 9.30am-1.00pm

This course introduces the student to the P25 digital land mobile radio standard. Modules include a high-level overview of the P25 digital radio standard as a transmission medium including the TIA standards, modulation, vocoders and channel access.

An introduction to the P25 standard will be covered, including Phase 1 & 2, conventional and trunked systems, encryption and system components (eg, RFSS, ISSI, CSSI, etc). The information is introductory in nature and designed for all audiences; however, a basic understanding of radio communications would be beneficial.

**Presented by: Chris Stevens** | Managing Director CartGIS and Vice-President ARCIA

**With conference package - \$449**

**Workshop only - \$499**

### ACCF | Advancing Critical Communications for a safe and more connected world – a Roadmap of development and innovations of standardised critical LMR, LTE/4G, 5G, Satellite communications 9.30am-1.00pm

Again, this year as part of Comms Connect Melbourne event the TCCA and the Australasian Critical Communications Forum (ACCF), Chapter of TCCA, will hold pre-conference workshops. The Australasian region is a significant market for critical communications and, as in other regions where vendors, integrators, operators and government agencies are working towards augmenting well established narrowband networks with critical broadband capability. The TCCA/ACCF pre-conference AM and PM workshop will provide critical information on the development and innovations of standardised critical LMR and Broadband 4G, 5G and 6G communications, and share local and international experience and expertise to understand the future directions of all standards based critical communication solutions.

**With conference package - \$249**

**Workshop package - \$299**

### ARCIA | Designing and Planning Microwave Networks 1.30pm-5.00pm

Whether you are new to microwave and planning fundamentals or you are looking for a refresher, this workshop will provide you with an up-to-date overview on microwave radio planning that will assist you in planning and deployment efforts. This is an interactive session where you will also have the opportunity to ask questions on all things microwave during this live session.

The workshop will cover:

- Microwave Fundamentals
  - Transmission Line
  - Pathloss
  - Fresnel Zones
  - Water and Flat Earth
  - Important Equations
- Availability and Performance Objectives
- Industry Myths – Getting back on track
- Using planning tools to bring it all together
- Q&A

**Presented by: Eddie Stephanou** | Regional Technical Manager AU/NZ & Pacific, Cambium Network

**With conference package - \$449**

**Workshop only - \$499**

### ACCF | Advancing Critical Communications for a safe and more connected world – Progress in development and deployments of critical LMR, Broadband deployments and roll-out of networks around the globe 1.30pm-5.00pm

The TCCA/ACCF pre-conference AM and PM workshop will provide critical information on the development and innovations of standardised critical LMR and Broadband 4G, 5G and 6G communications, and share local and international experience and expertise to understand the future directions of all standards based critical communication solutions.

**With conference package - \$299**

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