



Contribution ID: 611

Type: **Talk (preferred)**

## Development of Western Australia's Optical Space Communications Capabilities

*Monday 12 December 2022 11:45 (15 minutes)*

An overview of the free-space optical communications research being conducted at UWA, with emphasis on the development of the Western Australian Optical Ground Station and results from field tests with a deployable mobile optical terminal.

**Authors:** DIX-MATTHEWS, Benjamin (The University of Western Australia); Dr WALSH, Shane (The University of Western Australia)

**Co-authors:** Mr FROST, Alex (The University of Western Australia); Mr MCCANN, Ayden (The University of Western Australia); Mr GRAVESTOCK, Charles (The University of Western Australia); GOZZARD, David (The University of Western Australia); Mr CHOUNG, Kevin (The University of Western Australia); Dr KRIELE, Mike (The University of Western Australia); SCHEDIWY, Sascha (The University of Western Australia); KARPATHAKIS, Skevos (The University of Western Australia)

**Presenter:** DIX-MATTHEWS, Benjamin (The University of Western Australia)

**Session Classification:** Australian and New Zealand Conference on Optics and Photonics

**Track Classification:** ANZCOP: ANZCOP: Astrophotonics