

AIMS REGIONAL SEMINAR

HUNTER VALLEY, NSW

15 NOVEMBER 2024

MERCURE RESORT, HUNTER VALLEY GARDENS



AUSTRALIAN
INSTITUTE OF
MINE SURVEYORS



Thursday 14 November

- 1:00PM AIMS Candidate Workshop
Mercure Hotel, Hunter Valley
- 6:00PM Seminar Welcome Dinner
Conservatory, Mercure Hotel, Hunter Valley

Friday 15 November

- 8:00AM **Registration + Networking & Coffee**
- 8:40AM Welcome
Peter Sergeant
- 8:50AM Accuracy Improvement of Terrestrial Laser Scanner (TLS) for Monitoring Mining Sites
Mansoor Sabzali, University of Newcastle - Post Grad. Student
- 9:20AM Slope Failure Characterisation and Monitoring
Andrew Jones, Aptella
- 9:50AM Mining Beneath Lake Macquarie. Rock Head Cover definition
Jonathon Seysener & Dan Hart, Centennial
- 10:20AM Pix4D Update
- 10:25AM Maptek Update
- 10:25AM **Morning Tea**
- 11:00AM Update on the Surveying Program at the University of Newcastle
Dr. Lloyd Pilgrim, University of Newcastle
- 11:30AM Board of Surveying and Spatial Information update for Mining Surveyors
Peter Sergeant, BOSSI
- 12:00PM Preservation of Survey Infrastructure for Mining Operations
Joel Edwards, NSW Spatial Services
- 12:30PM Sphere Drones Update
- 12:35PM UPG Update
- 12:40PM Kurloo Update
- 12:45PM Woolpert Update
- 12:50PM **Lunch**

CPD POINTS

FULL ATTENDANCE

2.5 Mine Surveying

3.0 Survey Practice



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- 1:40PM Survey Operations at the Worlds Largest Coal Port
[Justin Ryba, Port of Newcastle](#)
- 2:10PM Comparing Airborne Lidar Sensors and key features to look out for based on applications
[Zoot Ngui, C.R. Kennedy](#)
- 2:40PM Mine monitoring using RIEGL Laser scanners, and a case study of the system in action
[Paul Salmon, Riegl](#)
- 3:10PM Transforming Monitoring: Leveraging Digital Twins, Automation, and IoT GNSS Monitoring for Safer, Sustainable Operations
[Amy Hooper, Kurloo](#)
- 3:40PM GeoCue Group - TrueView drone LiDAR and mining
[Mark Hickey, GeoCue](#)
- 4:00PM Aerometrex Update
- 4:05PM Closing Remarks
[Peter Sergeant, AIMS](#)
- 4:10PM **Afternoon Tea/Happy Hour/Networking**

