



**AEGC2019**  
Data to Discovery

Australasian Exploration Geoscience Conference  
2-5 September 2019 • Perth, Western Australia

Incorporating the AIG, ASEG, PESA, and WABS

## W27: Seismic for Everyone – an exploration with fibre optic cables

**Coordinator(s)** Konstantin Tertysnikov, Sinem Yavuz

---

**Date(s)** Fri, Sep 06

---

**Time** 09:00 - 17:00

---

**Location** ARRC Building

---

**Summary** Numerous recent developments in fibre optic sensing allow this approach to become a solid new technology for mining and oil and gas exploration. Presently fibre optics is applied in many aspects and stages of mineral and hydrocarbon studies. The workshop mainly focuses on the fibre optic technologies and advancements in application to borehole seismic for exploration and Earth imaging. The workshop also covers the improvements in the application of fibre optic sensing to surface seismic, innovations in processing and analysis of fibre optic seismic data, advances in the equipment and other fibre optic measurements for exploration. The live demonstration of several current fibre optic sensing systems will be held at the Curtin University research well facility during the second part of the workshop.

---

### Schedule\*

#### **Session 1**

Fibre optics for borehole seismic applications

#### **Session 2**

Applications in oil and gas exploration

#### **Session 3**

Applications in mining exploration

#### **Session 4**

Demonstration

---

---

#### Terms and conditions

\* Schedule subject to change

Workshops will proceed only if minimum numbers are reached, should a workshop be cancelled that you have paid and registered for, you will be notified and refunded the full amount. Should you wish to cancel a workshop, standard registration cancellation policy applies. Please refer to the AEGC conference website for registration cancellation policy and for further details on registration information <https://2019.aegc.com.au/>