



Contribution ID: 20

Type: **Talk (preferred)**

Interrogation of distributed feedback fibre laser over 100 km

Using interferometric interrogation techniques, we demonstrate measurement of the frequency noise of 4 multiplexed distributed feedback fiber lasers over a 100 km single mode fibre link.

Author: Dr FOSTER, Scott (DSTG)

Co-authors: Dr ZINOVIEV, Alex (DSTG); HARRISON, Joanne; Mr HEDGER, Jonathan (Institute for Photonics and Advanced Sensing and School of Physical Sciences, University of Adelaide)

Presenter: Dr FOSTER, Scott (DSTG)

Session Classification: 7th International Workshop on Speciality Optical Fibres

Track Classification: WSOF: WSOF: Fibre sensors