## 24th Australian Institute of Physics Congress



Contribution ID: 143 Type: Poster

## Monte Carlo modelling of elastic and Raman returns from the water column

Tuesday 13 December 2022 18:45 (15 minutes)

We present the first, to our knowledge, Monte Carlo model of Raman scattering in the water column under pulsed laser excitation, and will compare and contrast the characteristics of elastic and Raman returns.

Authors: Mr NEIMANN, Brad (Macquarie University); Mr SPENCE, David; Mrs PASK, Helen (Macquarie

University)

Presenter: Mr NEIMANN, Brad (Macquarie University)

Session Classification: Poster session

Track Classification: ANZCOP: ANZCOP: Optical sensors