

MQ Photonics Research Centre Webinars



Speaker: *Dr Ondrej Kitzler*

Title: THE ART OF DIAMOND RAMAN GAIN.

Abstract: I'll quickly overview the diamond Raman laser efforts of the diamond group at Macquarie and then focus on interesting properties of Raman gain in diamond. I'll show how to choose directions in the crystal to access high gain different geometries and talk a bit about how we visualize our data in an interesting way.

Bio: I came to Sydney from the Czech Republic in 2011 after finishing a master's degree in laser technology. Here at Macquarie I researched the use of diamond in Raman lasers during my PhD under Prof Rich Mildren. Since finishing in 2014 I worked on Ce doped UV lasers and also several other diamond related projects. Last year I've joined the THz laser development project led by Dr Andrew Lee and Prof Helen Pask.

When: Wednesday 27 May 2020 at 2 PM
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