



# Scottish Topology Seminar 15

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Tuesday, 13<sup>th</sup> December, 2016

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156 Fraser Noble Building, Old Aberdeen Campus, University of Aberdeen  
([www.abdn.ac.uk/about/campus/maps/view/43](http://www.abdn.ac.uk/about/campus/maps/view/43))

- 1:00      *Lunch in the Maths Common Room\**
- 1:30-2:30    **Brendan Owens**                      ***Ribbon surfaces and***  
(Glasgow)                                      ***concordance invariants***
- 2:45-3:45    **Andy Wand**                              ***Filtering the Heegaard-Floer***  
(Glasgow)                                      ***contact invariant***
- 4:15-5:15    **Diarmuid Crowley**                      ***On the  $\kappa$ -classes and***  
(Aberdeen)                                      ***a theorem of Madsen***
- 6:00      *Dinner at Café Andaluz (271 Union Street)\**

*The Scottish Topology Seminar is organised by Richard Hepworth and Mark Grant (Aberdeen), Brendan Owens and Andy Wand (Glasgow) and Andrew Ranicki (Edinburgh). We gratefully acknowledge support from the Glasgow Mathematical Journal Trust.*  
<http://hodge.maths.ed.ac.uk/tiki/Scottish+Topology+Seminar>

*\*Please email [mark.grant@abdn.ac.uk](mailto:mark.grant@abdn.ac.uk) if you will come for lunch and/or dinner. Mention any dietary restrictions. Some travel money is available especially for graduate students: apply by email.*

