

## **Inverse Problems Network Meeting 2**

Thursday, 23<sup>rd</sup> November 2017 - Friday, 24<sup>th</sup> November 2017

Isaac Newton Institute, Cambridge

### **Abstract of Talk**

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## **REGULARIZATION THEORY IN INFINITE DIMENSIONS AND APPLICATIONS TO PHOTOACOUSTICS IMAGING**

Prof O Scherzer  
University Vienna

In this talk we review recent results on regularization theory of variational regularization methods in infinite dimensions. In particular we are reviewing new convergence rates results for solving Inverse Problems in Hilbert Spaces. Particular emphasize will be given to analyze and interpret the abstract results for photoacoustic imaging and inversion of the spherical mean operator.