

## **Inverse Problems Network Meeting 4**

Thursday, 17<sup>th</sup> January 2019 - Friday, 18<sup>th</sup> January 2019

Mall Room, Level 8 of the School of Mathematics, University of Leeds

### **Abstract of Talk**

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## **INVERSE OBSTACLE SCATTERING PROBLEMS: A GAME OF HIDE AND SEEK**

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University of Dundee and University of Leeds

We review the problem of establishing uniqueness of construction of scattering obstacles under a variety of far field data. A discussion of approximate cloaking is presented and we consider whether it is possible to detect the presence of a cloak.