

## The UK A-Sail Ion acceleration collaboration

*Tuesday, 13 January 2015 10:15 (40 minutes)*

A UK grant funded consortium was formed in 2013 to further research into laser driven ion accelerators for potential medical applications. The consortium which consists of Queens University, The University of Strathclyde, Imperial College London and the Rutherford Appleton Laboratory will coordinate developments in this area. I will report on our efforts to improve the understanding of ion acceleration at high intensities and deliver better beam stability and the development of new cryo target capability and ion beam diagnostics which can operate at high repetition rates. I will present an overview of our work in the first year of this grant and our plans for the future years.

**Presenter:** NEELY, David (CLF, STFC)

**Session Classification:** Related Research Activities II