

Andrew Conroy

PhD student at QUB (2017)

Background: MSci 'Theoretical physics' (2013 – 2017):

- Final year project: 'Collisional-radiative models in support of plasma diagnostics' – using collisional-radiative models to identify diagnostic line ratios for helium-like species.
- Some experience in atomic structure calculations (energy levels and A-values), modelling He-like systems as H-like systems + some shielding potential.
- Some experience of (very basic) astrophysical modelling. E.g. using crude astrophysical models to show how diagnostic lines are affected by external radiation.

