

Student: Cale Clementson

Project Title: Commissioning, science verification and galaxy pilot study for SITELLE at CFHT

Advisor: Professor Pierre Martin

Duration: Sept 2013- June 2014

Scope of work:

Participation in the commissioning and testing phases of a new Fourier Transform Spectrograph (SITELLE) at the Canada-France-Hawaii Telescope on Mauna Kea: Evaluation of diverse software components used for planning, executing and evaluating observations, technical and scientific performance of the instrument, and conducting of a pilot study for a survey of galaxies.

Purpose:

To become familiar with the commissioning phases and science verification of a major astronomical instrument operated at a world-class observatory. Cale is particularly interested in major observatories, and will acquire very valuable experience of working with an engineering and scientific team.

