

# SAIP2013



Contribution ID : 109

## **Exploring Star Formation in Dwarf Galaxies at $z \sim 1$ with the Hubble Space Telescope**

Tuesday 09 Jul 2013 at 11:10 (00h20')

### **Abstract :**

In the currently-favoured hierarchical formation model, all galaxies in the Universe were formed from the mergers of smaller (dwarf) galaxies. By studying these systems we can therefore get a better understanding of galaxy formation and evolution. The Redshift One LDSS-3 Emission line Survey (ROLES) was designed to specifically target this interesting galaxy population using spectroscopy, looking back in time when the Universe was less than half its current age. My Masters thesis uses data from the Hubble Space Telescope to conduct a follow-up study of the ROLES sample with near-infrared slitless spectroscopy for the first time.

### **Award :**

Yes

### **Level :**

Msc

### **Supervisor :**

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### **Paper :**

No

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