## Posters

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Antireflective coatings for the red camera of WEAVE

Ortiz (INAOE) et al.

“SPIE Astronomical Telescopes + Instrumentation”, Texas, USA, 10-14 June 2018

The WEAVE Observatory Control System

Picó (ING) et al.

“SPIE Astronomical Telescopes + Instrumentation”, Texas, USA, 10-14 June 2018
### Manufacturing process for the WEAVE Prime Focus Corrector optics for the 4.2m William Herschel Telescope

Emilie Lhomé (ING) et al.

"SPIE Astronomical Telescopes + Instrumentation", Edinburgh, UK, 26 June - 1 July 2016

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### WAS: The Archive for the WEAVE Spectrograph

Guerra (INAF) et al.

SPIE, Edinburgh, June 2016
The Multifaceted WEAVE Archive System

Molinari (INAF) et al.

EWASS, Tenerife, June 2015

WAS: Texture of the WEAVE Science Archive

Molinari (INAF) et al.

"Multi-Object Spectroscopy in the Next Decade: Big Questions, Large Surveys and Wide Fields" La Palma, March 2015
WEAVE The Mechanical Design for the WEAVE Prime Focus Corrector System

Don Carlos (ING) et al.

"SPIE Astronomical Telescopes + Instrumentation 2014", Montréal, Quebec, Canada, 22-27 June 2014

WEAVE, a new wide-field multi-object spectrograph for the William Herschel Telescope

Marc Balcells, Chris Benn, Don Abrams (ING), Gavin Dalton (Oxford/RAL), Scott Trager (Groningen), David Carter (Liverpool-John Moores), Chris Evans (UKATC)

WEAVE, a new wide-field multi-object spectrograph for the William Herschel Telescope

Marc Balcells (ING), Chris Benn, Don Abrams (ING), Gavin Dalton (Oxford/RAL), Scott Trager (Groningen), David Carter (Liverpool-John Moores), Chris Evans (UKATC)

Science with the optical-infrared telescopes at CAHA and ORM in the coming decade, Madrid, 22-23 March 2012.

Conceptual design of a two-degree field corrector and ADC for prime focus at the 4.2m WHT

N. O'Mahoney, T. Agocs, D. Cano Infantes, C. Benn, M. Balcells, D. Carlos Abrams

Fourth Science with the GTC Meeting, Santa Cruz de La Palma, 16-18 November 2011.
WEAVE: A New Wide-Field Multi-Object Spectrograph for the William Herschel Telescope

Marc Balcells (ING), Chris Benn (ING), Don Abrams (ING), Gavin Dalton (Oxford / RAL), Scott Trager (Groningen), Dave Carter (LJMU), Chris Evans (ATC, Edinburgh)

Summary

WEAVE is a new wide-field multi-object optical spectrometer for the William Herschel Telescope. The survey data will be used to study various aspects of galaxy evolution, such as galaxy formation, activity, and evolution over cosmic time.

Science

- Milky Way archaeology
- Follow-up of ESIn GAMA survey
- Star formation history
- Mergers and interactions
- Galaxy evolution
- Galaxy-environment survey

WEAVE Design, Construction and Operation

- WEAVE consists of 5 fibre-fed spectrographs, each with a fiber feed and a field of view of 5°
- The spectrographs cover the wavelength range of 4000-9500 Å with a resolution of R = 6000

Results

- First light achieved in November 2011
- Data processing and reduction ongoing

Fourth Science with the GTC Meeting

Santa Cruz de La Palma, 16-18 November 2011.