

Star Formation and Young Stars in Cygnus

31st January - 2nd February 2018

Keele University, UK

The Cygnus star forming complex is the nearest truly massive star forming region to the Sun. It is home to hundreds of thousands of young stars and many thousands of massive O and B-type stars, in multiple star clusters and OB associations, including the prominent Cygnus OB2 association. In the massive Cygnus X giant molecular cloud star formation is still ongoing in numerous sites, particularly the DR21 molecular filament, which is actively forming massive stars. The region has drawn comparison with young massive clusters and star forming regions in our galaxy and in neighbouring galaxies, yet at a distance of only 1.4 kpc it can be studied at a level of detail not accessible to more distant regions.

Following many exciting results from NASA's Spitzer and Chandra space telescopes and ESA's Herschel Space Observatory we are poised to enter a new era of discovery thanks to upcoming data releases from ESA's astrometric Gaia satellite and forthcoming spectroscopic surveys with WEAVE/WHT. This workshop will bring together experts in the Cygnus region to present recent results and discuss our understanding of the entire Cygnus star forming complex.

The final day of the meeting will focus on planning the upcoming WHT/WEAVE survey of Cygnus (P.I. A. Herrero) and will be open to survey members and interested individuals from WEAVE member countries.

There is no registration fee for this meeting, but the number of participants will be limited so prior registration is required. If you would like to attend please send an email to nick.nwright@gmail.com including your full name and affiliation.

If you would like to present an oral contribution at the meeting please also send a title and brief abstract by 1st December 2017. We will endeavour to provide all attendees with an opportunity to present their work.

Organisers: Nick Wright (Keele University) and Artemio Herrero (Instituto de Astrofísica de Canarias)

Weblink: <http://www.astro.keele.ac.uk/cygnus>

Email: nick.nwright@gmail.com