## CFADISKS SURVIVAL IN THE EXTREMELY MASSIVE

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## ABSTRACT

Cygnus OB2, in the Cygnus X region at the distance of 1450pc[1], is the closest massive star forming region to the Sun, hosting hundreds of OB stars[2] and an unique target to study star formation close to OB star. CygOB2 has been recently surveyed with Chandra/ACIS-I (the Chandra Cygnus OB2 Legacy Survey, PI: Drake) and GTC/OSIRIS (FoV ~1°×1°, PI: Garcia). This data are merged with catalogs from SDSS-DR8, IPHAS, 2MASS-PSC, UKIDSS and Spitzer[3] to classify cluster members down to 0.2 M<sub> $\odot$ </sub> and study how OB stars affect their early evolution.



**References:** [1] Hanson 2003; [2] Comeron+ 2002; [3] Kraemer+ 2010; [4] Balog+ 2007; [5] Guarcello+ 2010; [6] O'Dell+ 1994; [7] Yusef-Zadeh+ 2005; [8] Strecklum+ 1998; [9] Brandner+ 2000; [10] Smith+ 2003; [11] Balog+ 2006; [12] Koenig+ 2008; [13] Wright+ 2012