

Magnetism and rotation of Herbig Ae/Be stars

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In order to investigate the magnetism, rotation and environment of the pre-main sequence progenitors of the main sequence A and B stars - the Herbig Ae/ Be stars - we have performed a high-resolution spectropolarimetric survey of over 100 Herbig stars using the new generation instruments ESPaDOnS (CFHT) and Narval (TBL, Pic du Midi). In this talk I will present our main results and their implications for the origin of magnetic fields in the intermediate mass stars, as well as the PMS evolution of their angular momentum.