

Groundbased observations

Ongoing activities

- KIC
- Characterization of Solar-like targets
(Hipparcos stars and clusters)
(Joanna Molenda-Zakowicz et al.)
- Time series observations of clusters,
NGC6866 (Poster A. Pigulski et al.)
(NGC6811 Van Cauteren et al. 2005)
(NGC6791 e.g., di Marchi et al. 2007)
- Claude Catala; Spectropolarimetry

Groundbased observations

- Existing Variability Surveys
 - HAT observations (Hartmann et al. 2004)
1617 variable stars detected from 788 5-min exposures over 30 days (67 square degrees)
 - TrES observations

Dave Latham will investigate whether we can get access to the time series data

Groundbased observations

- Existing Variability Surveys
 - ASAS (Pojmanski; see poster by Pigulski et al.)
80 + 50 exposures, one observation per night,
has been increased to a few points per night
Cont. next year – A. Pigulski will analyse data
 - Vulcan Survey (Borucki et al. 2001)
Thousands of points (mmag, 3-min cadence)
May possibly be made available

Groundbased observations

- Facilities:
 - Continued observations from Catania, Wroclaw
Characterization of known variables in the Field?
(JMZ, A. Frasca et al.)
 - Sierra Nevada, Spain, 90-cm (S. Martín-Ruiz)
 - Photometric telescopes at Piszkestető, Hungary
(R. Szabo, J. Nuspl et al.)

Groundbased observations

- Facilities:
 - Multi-colour photometry of clusters + possibly High-res spectroscopy w. 6-m telescope in Russia (P. Lampens)
(+ Possibly proper motions of cluster stars)
 - Almost unlimited access to VLT (G. Handler)
 - Spectroscopy with STELLA (AIP/Tenerife)
H. Korhonen will investigate...

The Loiano Telescope



The 152 cm Cassini telescope



The Bfosc Spectrograph

BFOSC grism

The spectrograph characteristics

Grism #	λ_{blase}	λ_{grism}	dispersion	$\Delta\lambda$	$\lambda\lambda$ CCD EEV	$\lambda\lambda$ CCD Thomson	λ pix EEV
3	3900	4300	170	5.5	3300 ÷ 6420	3300 ÷ 5800	2.7
4	4800	5800	220	8.3	3800 ÷ 8700*	3940 ÷ 7860*	3.97
5	6500	7000	220	7.5	4800 ÷ 9800	5200 ÷ 9050	4.0
6	3900	4000	110	3.9	3300 ÷ 5350	3300 ÷ 4950	1.7
7	5300	5250	110	4.1	4200 ÷ 6600	4300 ÷ 6250	1.0
8	6500	7000	88	3.0	6100 ÷ 8180	6200 ÷ 7850	1.6
9 E.	17 ordini		26	1.2	3500 ÷ 10200	3350 ÷ 9400	
10 C.D.	3800	3900	460	17		3300 ÷ 6400	
11 C.D.	5200	5000	340	13		4000 ÷ 7000	
12 C.D.	7300	7000	910	37		5300 ÷ 10200	
13	5100	5250	36	1.2		4950 ÷ 5600	

Collaborators

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- Roberto Silvotti