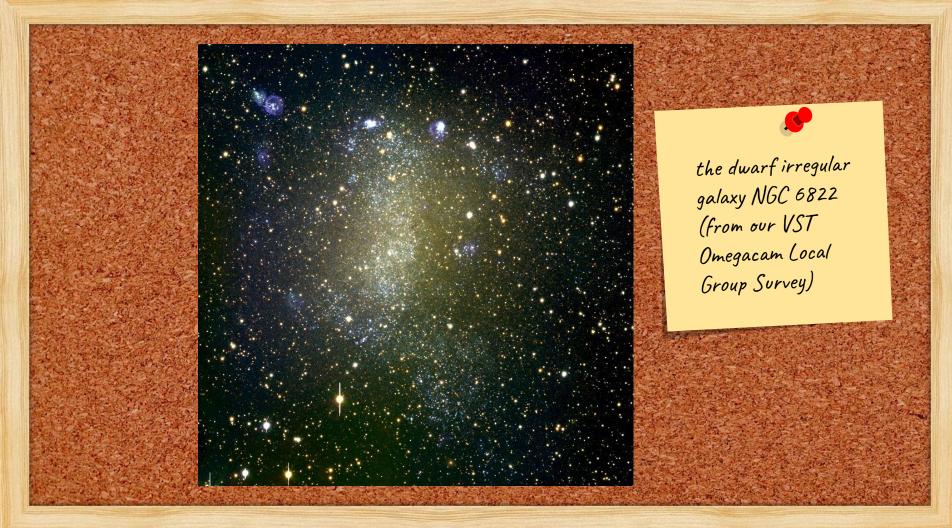
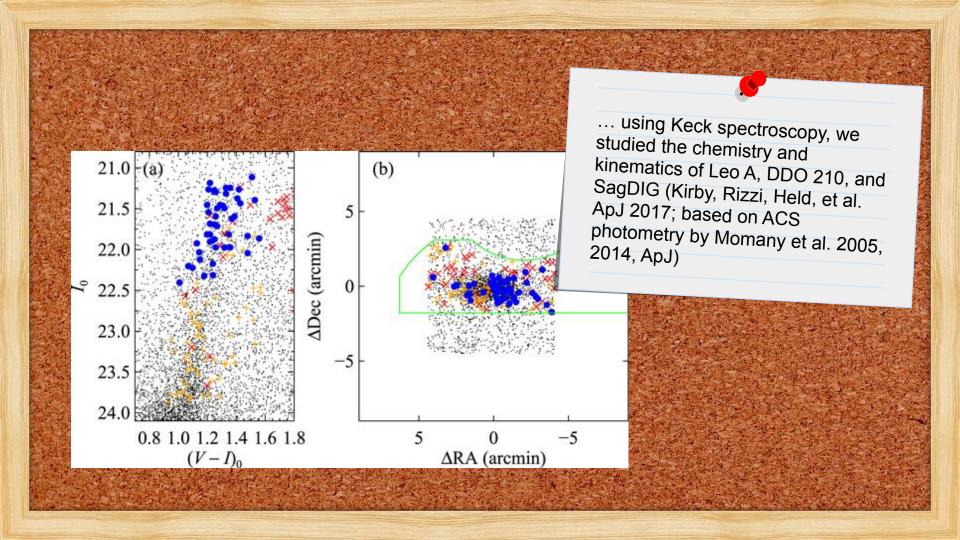
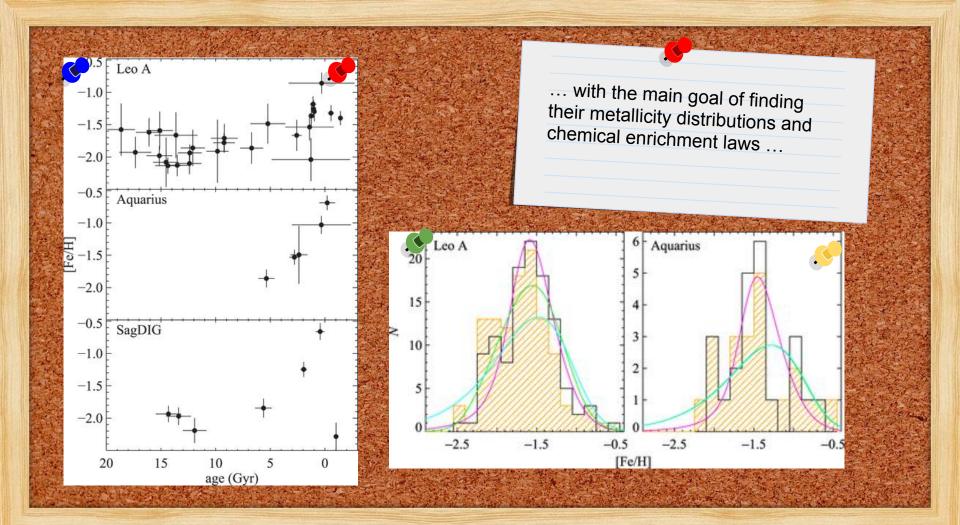
Stellar populations (and something more ...) by EVH



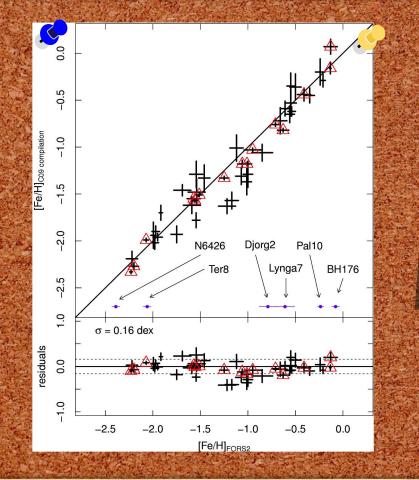
/ /	\sim	\wedge	0	
Local	Group	Omegacam	Survey	• • •
-	- /	- J	-)	

Galaxy	RA, DEC	μ _ο	R [']	Туре	LV [10^6]	Np/ band	Band	Exp[h]	Exec
NGC6822	19 44 56, -14 48 06	23.45	>36	LG Irr	94.4	3	ugr	18	16
WLM	00 01 58, -15 27 48	24.83	3.3	LG Irr	50.2	1	ugr	6	6
IC1613	01 04 54, +02 08 00	24.22	11	M31/LG Irr	63.6	1	ugr	6	6
Phoenix	01 51 06, -44 26 42	23.24	10.6	MW/LG dT	0.9	1	ugr	6	6
Sculptor	01 00 09, -33 42 30	19.54	76.5	MW dSph	2.15	20	ugr	60	4
Fornax	02 39 59, -34 27 00	20.70	71.1	MW dSph	15.5	16	ugr	48	14
Carina	06 41 37, -50 58 00	20.03	28.8	MW dSph	0.43	15	ugr	45	27
Sextans	10 13 03, -01 36 54	19.67	160.0	MW dSph	0.50	20	ugr	60	5
Sagittarius	18 55 19, -30 32 43	16.90	?	MW dSph	?	16	ugr	48	10
Bootes I	14 00 04, +14 30 42	19.10	12.6	MW UFD	3.0 10 ⁻²	1	ugr	6	0
Bootes II	13 58 08, +12 50 54	18.12	4.2	MW UFD	1.0 10 ⁻²	1	ugr	6	0
Segue I	10 07 03, +16 04 25	16.81	4.4	MW UFD	3.3 10-4	1	ugr	6	0
Hercules	16 31 05, +12 47 18	20.60	8.6	MW UFD	3.6 10-2	1	ugr	6	6



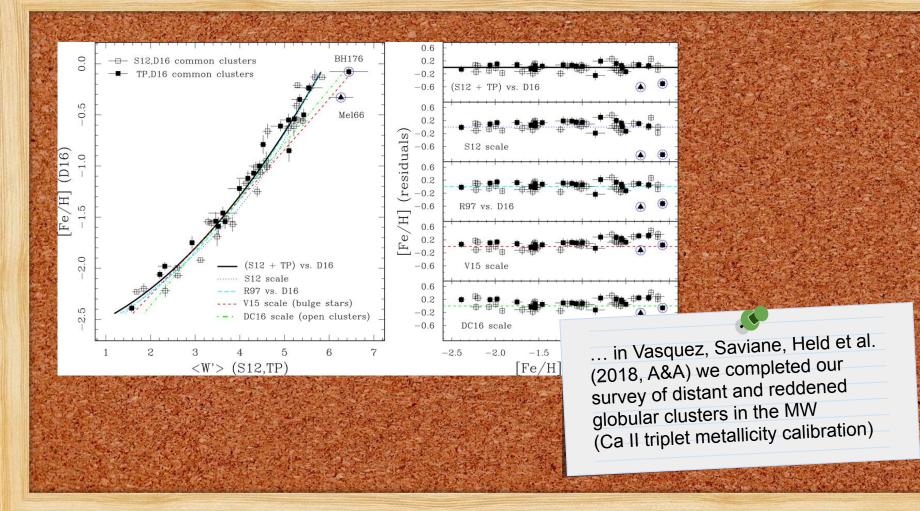


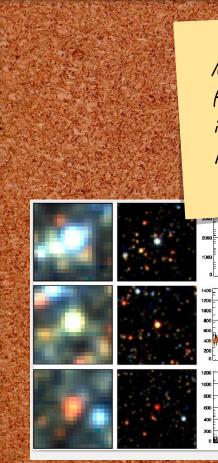
Spectroscopic Survey of globular clusters in the Milky Way (with: Barbuy, Da Costa, Dias, <u>Gullieuszik</u>, <u>Momany, Ortolani</u>, Saviane, Vasquez) led to the largest sample of homogeneous GC metallicities based on spectroscopy of individual stars

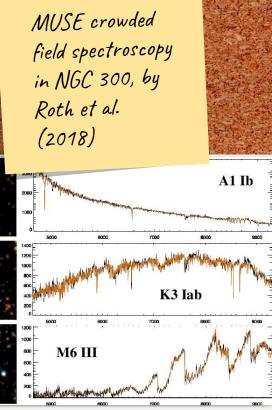


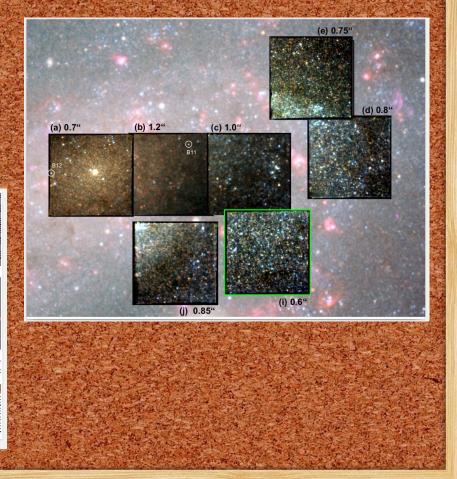
... we explored the use of the absorption lines in the green spectral region (at low intermediate resolution) as an alternative to the popular CaT method.

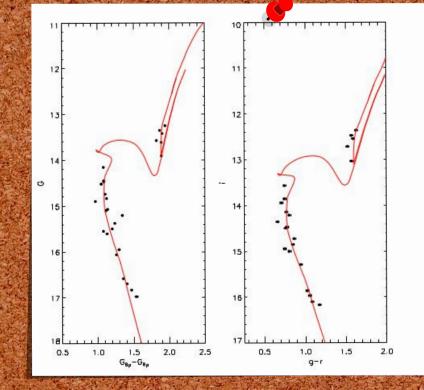
Fe and Mg abundances of 51 Milky Way globular clusters on a homogeneous scale are given by Dias et al. (2016, A&A) ...





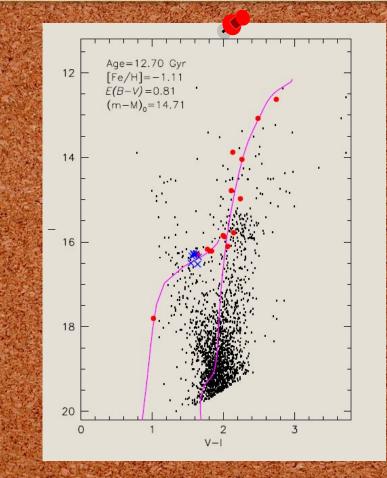




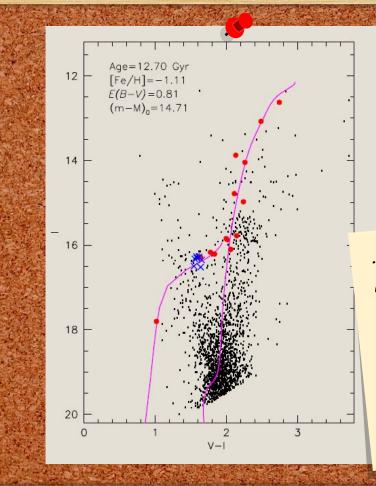


... the power of combining astrometric information from Gaia and multi-object spectroscopy applied to open clusters (here Pismis 18, by Hatzidimitriou, Held, Tognelli et al. 2019, A&A in press)

> ... the Gaia DR2 database, an outsider's view ...



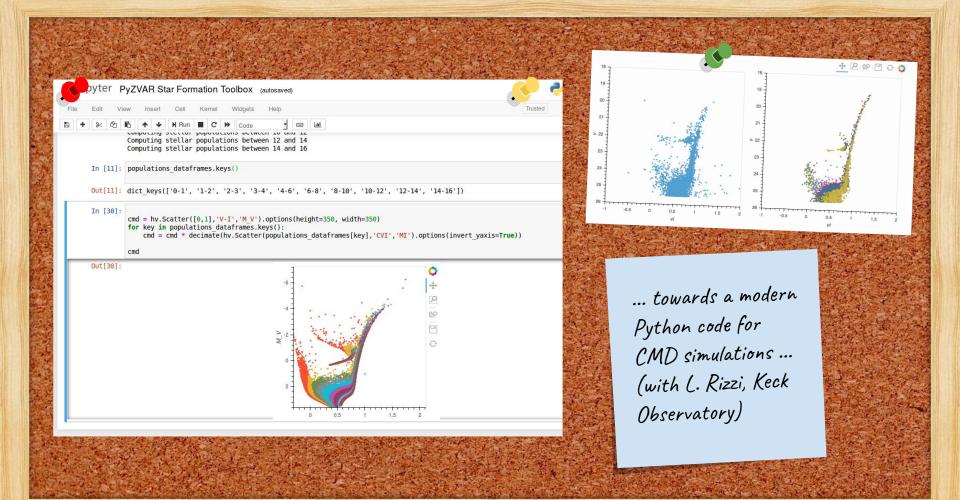
... the highly extincted, highly contaminated globular cluster Djorg 2 towards the Galactic bulge. The cross-identification of the Gaia DR2 probable members along with HST archive imaging provided robust constraints to its age and metallicity (Ortolani, Held, Nardiello et al. 2019, A&A, accepted)

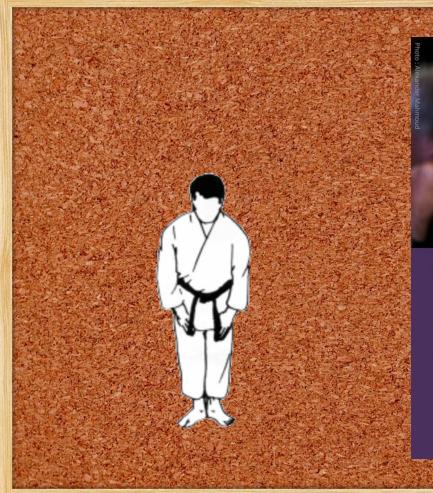


... the highly extincted, highly contaminated globular cluster Djorg 2 towards the Galactic bulge. The cross-identification of the Gaia DR2 probable members HST archive imaging bust constraints to its etallicity (Ortolani, iello et al. 2019, A&A,

Old and kind-of oldish

update your tool box !





"The beauty of research is that you never know where it's going to lead"

Richard Roberts 1993 Nobel Prize in Physiology or Medicine

