

EWASS 2013 – Turku, Finland

Special Session 12: “A fresh look at the stellar Initial Mass Function”

Programme

Thursday, July 11th

16:00-16:30	P. Kroupa	IMF variations at the lowest and highest masses
16:30-16:45	C. Weidner	The IGMF in dwarf late-type to massive early-type galaxies
16:45-17:00	R. Läsker	Bottom-heavy initial mass function in a nearby compact L* galaxy
17:00-17:15	C. Spiniello	The XLENs Project: Do more massive early-type galaxies have more internal dark matter or a steeper IMF?
17:15-17:30	C. Tortora	Is the initial mass function universal?
17:30-17:45	N. Podorvanyuk	The new estimates of the Initial Mass Function in compact stellar systems
17:45-18:00	D. Chulkov	Testing the mass distribution of binaries from the magnitude difference of visual binary stars
18:00-18:05	M. Orsi	Using synthetic spectra to construct population synthesis models for IMF studies
18:05-18:10	Ph. de Meulenaer	Metallicity effects on the derivation of age, mass, and extinction of unresolved star clusters

Friday, July 12th

11:45-12:15	M. Cappellari	Constraining the IMF via galaxy mass determinations
12:15-12:30	F. La Barbera	Systematic variation of the stellar IMF of early-type galaxies from a variety of spectral features
12:30-12:45	I. Martín-Navarro	Radial IMF variation in early-type galaxies
12:45-13:00	A. Ferré-Mateu	Baby elliptical galaxies or non-universal IMF slopes?
13:00-13:15	L.A. Díaz-García	Stellar populations and the initial mass function of early-type galaxies in ALHAMBRA

14:30-15:00	R. Schiavon	Constraining the low-mass end of the IMF of galaxies from integrated light spectroscopy
15:00-15:15	A. Vazdekis	MILES stellar population synthesis models with varying IMF and abundance ratio
15:15-15:30	C. Bertelli Motta	New insights into the non-universality of the IMF
15:30-16:00	Discussion	

POSTERS

M. Orsi: Using synthetic spectra to construct population synthesis models for IMF studies

Ph. de Meulenaer: Metallicity effects on the derivation of age, mass, and extinction of unresolved star clusters.