MEMORIE DELLA SOCIETÀ ASTRONOMICA ITALIANA

Vol.89 n.1 2018

Star cluster formation history in the Magellanic Clouds

EWASS-Symposium 9

Prague(CZ), 26-27 June, 2017

editors: M. Cignoni, M. Di Criscienzo and A. Milone

TABLE OF CONTENTS

Index 5

Foreword 7

List of Speakers 9

Contributions(alphabetic order

R. Asad, A. H. Alabaji, C. Pappenheimer and A. Aljasmi
Investigating Multiple Stellar Populations in Young LMC Stellar Clusters by means of Integrated Spectra 12

K. Bekki
Formation of globular clusters with multiple stellar populations in the LMC: internal or external gas accretion? 18

I. Cabrera-Ziri, S. Martocchia, K. Hollyhead and N. Bastian
Interpreting the complex CMDs of the Magellanic Clouds clusters 24

M.-R.L. Cioni
The VMC survey: a deep YJKs view of the Magellanic Clouds 35

F. D'Antona, A. Milone, M. Tailo, P. Ventura, E. Vesperini and M. Di Criscienzo
Braking stars in the Young Magellanic Cloud Massive Clusters 42

S. Ekström, G. Meynet, C. Georgy and A. Granada
Stellar rotation and its importance in the interpretation of stellar populations in MCs 50

D. A. Gouliermis, I. W. Stephens, L. W. Looney, R. A. Gruendl, Y.-H. Chu, D. R. Weisz, J. P. Seale, C.-H. R. Chen, T. Wong, A. Hughes, J. L. Pineda, J. Ott, and E. Muller
Isolated Massive Star Formation. Myth or Reality? 57

C. Li, R. de Grijs, L. Deng, and A. P. Milone
Extended main-sequence turnoffs in young massive clusters in the Magellanic Cloud 64

A. F. Marino
Multiple Stellar Populations in Globular Clusters 69

D. Nardiello
Photometry of multiple populations in globular clusters 76

F. Niederhofer
The search for multiple populations in young and intermediate-age star clusters 80

G. Nikolov
Mimicking Multiple Stellar Populations 85

A.E. Piatti
Recognizing new stellar clusters in the Magellanic System 90

E. Sabbi and the HTTP Team
The Hubble Tarantula Treasury Project 95

R. Salinas
The overlooked role of stellar variability in LMC intermediate-age clusters 101