

MEMORIE DELLA SOCIETÀ ASTRONOMICA ITALIANA

Vol.87 n.3 2016

Stellar evolution and pulsation - Galaxy clusters

International School of Astrophysics Francesco Lucchin

Teramo, December 9-13, 2014

editors: G. Raimondo, A. Pietrinferni, M. Cantiello

TABLE OF CONTENTS

| | |
|---|-----|
| <i>Index</i> | 325 |
| <i>Foreword</i> | 326 |
| <i>List of Participants</i> | 329 |
| Stellar Evolution and Pulsation | |
| S. Cassisi, M. Salaris and A. Pietrinferni <i>Old and new issues in stellar evolution modelling</i> | 332 |
| S. Hidalgo, and A. Aparicio <i>The Star Formation History from Resolved Stellar Populations. State of the Art and Future Perspectives.</i> | 350 |
| G. Bono <i>Classical Cepheids and RR Lyrae stars: similar, but not too much</i> | 358 |
| I. Musella <i>Pulsating stars as distance indicators and stellar population tracers</i> | 382 |
| Galaxy Clusters | |
| J. S. Santos <i>Multi-Wavelength Observations and Surveys of Galaxy Clusters</i> | 404 |
| N. Menci <i>Cosmological Models of Galaxy Formation</i> | 425 |