

## Author index

- Alfaro, E. J. – 139  
Alfaro-Cuello, M. – 47  
Anderson, J. – 544  
Angelo, M. S. – 89  
Araya, I. – 293  
Arca Sedda, M. – 51, 161, 395  
Armond, T. – 89  
Askar, A. – 80, 395, 404, 438, 460
- Ballone, A. – 490  
Barbuy, B. – 89  
Bassino, L. P. – 60, 84, 89, 101  
Baumgardt, H. – 400, 451, 516  
Bell, C. – 135  
Bellini, A. – 408, 451, 544  
Belloni, D. – 404, 460  
Bending, T. – 216  
Benkortem, S. – 56  
Beradze, S. – 181  
Berczik, P. – 507  
Bertin, G. – 528  
Bianchini, P. – 47, 412, 528  
Bica, E. – 89  
Böker, T. – 13, 47  
Bono, G. – 540  
Bosco, F. – 185  
Bovy, J. – 170  
Bragaglia, A. – 267  
Breen, P. G. – 389, 494
- Calura, F. – 233, 269  
Caminha, G. B. – 233  
Cantat-Gaudin, T. – 139  
Cantiello, M. – 68, 151  
Capaccioli, M. – 68  
Capuzzo-Dolcetta, R. – 76, 161  
Caravita, C. – 273  
Carballo-Bello, J. A. – 420  
Carraro, G. – 502  
Carretta, E. – 267  
Casetti, L. – 426  
Caso, J. P. – 60, 84, 101  
Castellano, M. – 233  
Chantereau, W. – 416  
Charbonnel, C. – 297  
Chatterjee, S. – 357, 549  
Chen, D. – 422  
Chen, L. – 422  
Chun, S.-H. – 189  
Chung, C. – 277, 321  
Church, R. P. – 80
- Ciecielag, P. – 404  
Cioni, M.-R. L. – 135  
Ciotti, L. – 93, 273  
Clementini, G. – 64  
Cordoni, G. – 281, 312  
Crain, R. A. – 170  
Cupani, G. – 233  
Cusano, F. – 64
- D'Abrusco, R. – 68, 151  
D'Ago, G. – 151  
D'Antona, F. – 289, 346  
Dabringhausen, J. – 72, 520  
Dalessandro, E. – 285  
Danilov, V. M. – 502  
Davari, N. – 76  
Davies, M. B. – 80  
De Bortoli, B. J. – 84, 89, 101  
D'Ercole, A. – 346  
D'Orazi, V. – 540  
de Grijs, R. – 228  
Deng, L. – 228  
di Carlo, U. N. – 490  
Di Cintio, P. – 93, 426  
Di Matteo, P. – 442  
Dias, B. – 89, 293  
Dinnbier, F. – 192  
Dobbs, C. – 216  
Dobrovolskas, V. – 309  
dos Santos Jr., J. F. C. – 89  
Dotter, A. – 312  
Dupree, A. K. – 97
- Eigenthaler, P. – 151  
Ennis, A. I. – 84, 101
- Fahrion, K. – 108  
Fan, Z. – 105  
Feldmeier-Krause, A. – 72  
Ferguson, A. M. N. – 468  
Ferraro, F. R. – 377  
Figueiredo, A. – 89  
Fouvry, J.-B. – 494  
Fraga, L. – 89  
Fragione, G. – 430, 520  
Fujii, M. S. – 197, 204, 220  
Funato, Y. – 434
- Garofalo, A. – 64  
Geisler, D. – 89  
Geller, A. M. – 482

- Giacobbo, N. – 490  
 Gieles, M. – 297  
 Giersz, M. – 122, 395, 404, 438, 460  
 Gnedin, O. – 34  
 Goldsbury, R. – 486  
 Gómez, M. – 101  
 Goudfrooij, P. – 112  
 Grado, A. – 68  
 Gratton, R. – 241  
 Grillo, C. – 233
- Haghi, H. – 447  
 Harris, W. E. – 3  
 Haysahi, K. – 105  
 Haywood, M. – 442  
 Heggie, D. C. – 389, 494  
 Hernandez-Jimenez, J. A. – 89  
 Heyl, J. – 486  
 Hilker, M. – 68, 108, 151, 400, 451, 516  
 Hong, J. – 346  
 Hong, S. – 277, 321  
 Horta, D. – 455  
 Hypki, A. – 438, 460
- Iodice, E. – 68, 151  
 Ishigaki, M. N. – 24
- Jadhav, V. – 482  
 Jang, S. – 302, 321  
 Jerabkova, T. – 200  
 Jin, X. – 151  
 Johnson, C. I. – 97, 305  
 Just, A. – 507
- Kacharov, N. – 47  
 Kalirai, J. – 486  
 Kamann, S. – 47, 384  
 Kang, Y. – 277  
 Katime Sanrich, O. J. – 89  
 Kerber, L. – 89  
 Khochfar, S. – 212  
 Khoperskov, S. – 442  
 Kim, J. J. – 277, 302, 321  
 Knigge, C. – 482  
 Kochiashvili, N. – 181  
 Kolomiecas, E. – 309  
 Kremer, K. – 357, 549  
 Kroupa, P. – 117, 192, 447  
 Kučinskas, A. – 309  
 Kumamoto, J. – 204  
 Kumar, R. – 464  
 Kuzma, P. B. – 468
- Lagioia, E. P. – 281, 312  
 Larsen, S. S. – 317  
 Leaman, R. – 47  
 Lee, Y.-W. – 277, 302, 321
- Leigh, N. – 482  
 Leveque, A. – 122, 395, 438, 460  
 Li, C. – 228  
 Li, H. – 34  
 Li, Z. – 151  
 Libralato, M. – 324, 544  
 Lim, D. – 277, 321  
 Lützgendorf, N. – 47  
 Lyubenova, M. – 47, 108
- Mackereth, J. T. – 170, 455  
 Maia, F. – 89  
 Mapelli, M. – 490  
 Marconi, M. – 478  
 Marino, A. F. – 261, 281, 312  
 Martocchia, S. – 329  
 Massari, D. – 472  
 Mastrobuono-Battisti, A. – 47, 281, 442  
 Mateo, M. – 97  
 Matsunaga, N. – 540  
 Meneghetti, M. – 233  
 Mercurio, A. – 233  
 Mieske, S. – 68, 151  
 Milone, A. P. – 97, 251, 281, 312  
 Minelli, A. – 126  
 Minniti, D. – 89  
 Mohapatra, A. – 464  
 Molinaro, R. – 478  
 Mondal, C. – 135  
 Moretti, M. I. – 478  
 Mucciarelli, A. – 126  
 Murthy, J. – 464  
 Musella, I. – 478
- Napolitano, N. – 68, 151  
 Nataf, D. M. – 333  
 Naujalis, R. – 131  
 Nayak, P. K. – 135  
 Neumayer, N. – 13, 47  
 Nipoti, C. – 93  
 Nogueira-Cavalcante, J.P. – 293
- Ojha, D. K. – 464  
 Oliveira, R. A. P. – 89
- Paolillo, M. – 68, 151  
 Parada, J. – 486  
 Parisi, C. – 89  
 Parmentier, G. – 507  
 Parthasarathy, M. – 464  
 Pasquato, M. – 395  
 Peletier, R. – 68, 151  
 Pellegrini, S. – 273  
 Peñarrubia, J. – 468  
 Pérez-Villegas, A. – 89  
 Pfalzner, S. – 208  
 Pfeffer, J. – 170

- Phipps, F. – 212  
Piatti, A. E. – 89, 139  
Pichon, C. – 494  
Pota, V. – 151  
Pott, J.-U. – 185  
Pradhan, A. C. – 464  
Puzia, T. H. – 151, 482  
  
Quint, B. – 89  
Quintini, M. – 68  
  
Randriamanakoto, Z. – 143  
Rasio, F. A. – 357, 549  
Rastello, s. – 490  
Reina-Campos, M. – 147  
Renaud, F. – 40  
Riccio, G. – 68, 151  
Richer, H. – 486  
Richtler, T. – 60  
Rieder, S. – 216  
Rímulo, L. – 89  
Ripepi, V. – 478  
Rodriguez, C. L. – 357, 549  
Rosati, P. – 233  
Rozier, S. – 494  
  
Safaei, G. – 447  
Sahu, S. – 135, 498  
Saito, R. – 89  
Sakari, C. M. – 155  
Saker, L. – 293  
Sakurai, Y. – 220  
Salinas, R. – 60  
Sandoval, L. E. R. – 404  
Sani, E. – 233  
Sanmartin, D. – 89  
Schiavi, R. – 161  
Schiavon, R. P. – 170, 455  
Schödel, R. – 185  
Seleznev, A. F. – 502  
Semionov, D. – 224  
Seth, A. C. – 13, 47  
Shara, M. – 482  
Sharina, M. E. – 165  
Shimansky, V. V. – 165  
Shokry, A. – 293  
Shukirgaliyev, B. – 507  
Sills, A. – 337  
Simunovic, M. – 482  
Sindhu N – 482  
Singh, G. – 512  
  
Sollima, A. – 400, 451, 516  
Souza, S. O. – 89  
Spavone, M. – 68, 151  
Spera, M. – 161  
Spurzem, R. – 76, 438  
Stonkuté, R. – 131  
Šubr, L. – 72, 520  
Subramaniam, A. – 135, 482, 498  
Subramanian, S. – 135  
Sun, W. – 228  
Suwannajak, C. – 56  
Szomoru, A. – 532  
  
Tailo, M. – 281, 312, 341  
Tanakul, N. – 56  
Tanikawa, A. – 204  
Tiongco, M. A. – 524  
Torniamenti, S. – 528  
Trani, A. A. – 174  
  
Väisänen, P. – 143  
van Albada, T. S. – 532  
van de Ven, G. – 47, 108  
van den Berg, M. – 367  
van der Marel, R. P. – 544  
Vansevičius, V. – 131  
Vanzella, E. – 233  
Varri, A. L. – 212, 389, 494, 524  
Vasiliev, E. – 536  
Venhola, A. – 68, 151  
Vesperini, E. – 346, 524  
Vieira, R. G. – 89  
  
Wang, J. J. – 422  
Wang, L. – 438  
Wang, Y. – 540  
Watkins, L. L. – 47, 544  
Webb, J. J. – 346  
Westera, P. – 89  
  
Yadav, R. K. S. – 512  
Ye, C. S. – 357, 549  
Yong, D. – 19  
Yoon, S.-J. – 277  
Yoshida, N. – 220  
  
Zhao, G. – 105  
Zhao, J. – 105  
Zinnecker, H. – 350  
Zonoozi, A. H. – 447

# IAU Symposium

# 351

27–31 May 2019  
Bologna, Italy

## Star Clusters: From the Milky Way to the Early Universe

Stellar cluster research is in a dynamic state. IAU Symposium 351 (also chosen as MODEST-19, within the ‘Modelling and Observing DEnse STellar systems’ meeting series) is a compilation of the research presented at the symposium. It contains highlights of the latest research taking place in many areas, including the formation of stellar clusters at high redshift, multiple stellar populations within stellar clusters, the dynamical evolution of stellar clusters, and the production of exotic objects such as black holes within stellar clusters. This volume also includes articles on the build up of larger galaxies from smaller galaxies and stellar clusters, and discussions of the latest data from large surveys and from the Gaia satellite. Looking at both the local and the high-redshift universe allows links to be established between the clusters we see today and their progenitors. IAU S351 is an ideal entry point for astronomers new to this research field.

Proceedings of the International Astronomical Union  
*Editor in Chief: Dr Piero Benvenuti*

This series contains the proceedings of major scientific meetings held by the International Astronomical Union. Each volume contains a series of articles on a topic of current interest in astronomy, giving a timely overview of research in the field. With contributions by leading scientists, these books are at a level suitable for research astronomers and graduate students.

International Astronomical Union



MIX  
Paper from  
responsible sources  
FSC® C007785

Proceedings of the International Astronomical Union

### Cambridge Core

For further information about this journal please  
go to the journal website at:  
[cambridge.org/iau](http://cambridge.org/iau)

ISBN 978-1-108-48250-9



9 781108 482509

CAMBRIDGE  
UNIVERSITY PRESS