

Author index

- Agúndez, M. – 343, 398, 460, 535
Airapetian, V. S. – 491
Akras, S. – 409
Alcolea, J. – 186, 239, 343
Aleman, I. – 518
Allen, M. – 454
Andersen, J. – 345
Angeloni, R. – 347, 416, 449
Anglada, G. – 527
Arentsen, A. – 265, 309
Aringer, B. – 93, 391, 466, 478, 548
Arnaboldi, M. – 201
Arnold, R. A. – 349
Aryal, B. – 525
Ashimbaeva, N. – 493
- Bagdonas, V. – 510
Barlow, M. J. – 436
Baron, F. – 27
Benhida, A. – 368
Benkhaldoun, Z. – 368
Berger, J.-P. – 27
Bernhard, K. – 529
Bharat Kumar, Y. – 351
Bhattacharya, S. – 201
Blackman, E. G. – 235
Bladh, S. – 99, 134
Blommaert, J. – 436
Blommaert, J. A. D. L. – 353, 500
Boberg, O. M. – 59
Boffin, H. – 452
Boffin, H. M. J. – 394, 438
Bollen, D. – 355
Boulangier, J. – 129
Boyer, M. – 406, 498
Boyer, M. L. – 321, 429
Boyle, P. – 381
Bremer, M. – 423
Bressan, A. – 375, 478
Bromley, S. T. – 119
Brown, D. A. – 357
Brunner, M. – 360, 466
Bujarrabal, V. – 186, 239, 343
- Cami, J. – 181, 504
Cannon, E. – 362
Carpenter, K. – 491
Carpenter, K. G. – 365
Carroll-Nellenback, J. – 235
Castro Carrizo, A. – 343
Castro-Carrizo, A. – 398, 535
- Cernicharo, J. – 398, 460, 535
Chafouai, K. – 368
Chamandy, L. – 235
Chayer, P. – 385
Chen, H.-L. – 371
Chen, I.-K. – 504
Chen, X. – 427
Chen, Y. – 309, 375
Chen, Z. – 235
Chiavassa, A. – 27, 373, 441, 491
Claussen, M. J. – 334
Colom, P. – 493
Comte, V. – 201
Corral, L. J. – 480
Costa, G. – 375
Costa, R. D. D. – 377, 458
Cristallo, S. – 89, 119, 529
Cseh, B. – 89
Curiel, S. – 398
- Danilovich, T. – 379, 436
D'Antona, F. – 291, 314
De Beck, E. – 31, 191
de Castro, D. B. – 89
De Ceuster, F. – 381
Decin, L. – 119, 129, 353, 362, 381, 421, 436, 531
de Koter, A. – 362, 436
De Marco, O. – 220, 355
de Nutte, R. – 436
Dell'Agli, F. – 291
Depagne, É. – 265
Desmurs, J.-F. – 186, 343
Devaraj, R. – 480
Dharmawardena, T. – 506, 538
Dharmawardena, T. E. – 181, 383
Diaz, R. J. – 347
Díaz-Luis, J. J. – 186
Di Criscienzo, M. – 291
Di Mille, F. – 416, 449
Dixon, W. V. – 385
D'Orazi, V. – 89
Dorfi, E. A. – 360
Dotter, A. – 314
Drazdauskas, A. – 510
Dries, M. – 309
Dsilva, K. – 387
- Ekström, S. – 314
El Jariri, Y. – 368
Engels, D. – 389, 436, 548

- Eriksson, K. – 391
 Escorza, A. – 394, 438
 Etmański, B. – 396
 Etoke, S. – 389
 Exter, K. – 518

 Feast, M. – 498
 Fernández-López, M. – 398
 Fonfría, J. P. – 398, 535
 Fragkou, V. – 400
 Frank, A. – 235
 Freimanis, J. – 402
 Freytag, B. – 9, 27, 134, 373, 441, 548
 Fullard, A. G. – 522

 García-Hernández, D. A. – 436, 489
 Gérard, E. – 389
 Gerhard, O. – 201
 Gezer, I. – 404, 508
 Ghout, A. – 368
 Gilfanov, M. – 371
 Gillet, D. – 368
 Ginsburg, A. – 485
 Ginski, C. – 31
 Girardi, L. – 93, 269, 301, 375
 Gobrecht, D. – 119, 129, 529
 Goldman, S. R. – 406
 Gómez, J. F. – 527
 Gómez-Garrido, M. – 186
 Gonçalves, D. R. – 347, 409
 Gonneau, A. – 309
 González-Lópezlira, R. A. – 411
 Goriely, S. – 69, 438
 Gottlieb, C. – 483
 Gottlieb, C. A. – 535
 Groenewegen, M. A. T. – 353, 436, 466,
 478, 498, 542
 Gupta, H. – 483

 Hamal, P. – 525
 Han, Z. – 371, 427
 Harris, W. E. – 201
 Hartig, E. – 413
 Hartke, J. – 201
 Haynes, C. J. – 247
 Henson, G. – 423
 Heo, J.-E. – 416, 449
 Hetherington, J. – 381
 Hillwig, T. – 423
 Hinkle, K. – 447, 495
 Hinkle, K. H. – 413, 419
 Hiriart, D. – 480
 Höfner, S. – 9, 134, 391
 Homan, W. – 421, 436
 Hony, S. – 383
 Hora, J. L. – 498
 Hrivnak, B. – 423

 Hrivnak, B. J. – 533
 Hron, J. – 27, 456

 Imai, H. – 527
 Ivezić, Ž. – 59
 Izumiura, H. – 516, 520

 Janík, J. – 487
 Jäschke, C. – 485
 Javadi, A. – 283, 512
 Jiang, B. – 425
 Jiang, D. – 427
 Joblin, C. – 535
 Jones, D. – 239
 Jones, O. – 383
 Jones, O. C. – 429
 Jorissen, A. – 27, 69, 394, 431, 438, 441
 Joyce, R. – 495
 Jurua, E. – 434
 Justtanont, K. – 353, 436

 Kamath, D. – 209, 355, 404
 Kamiński, T. – 108
 Kaminski, T. – 483
 Kampindi, F. – 434
 Kanniah, B. – 375
 Karakas, A. I. – 79, 89, 489
 Karinkuzhi, D. – 394, 438
 Kastner, J. H. – 474
 Keller, D. – 531
 Kemper, F. – 181, 383, 500, 504,
 506, 538
 Kerschbaum, F. – 27, 360, 436, 466
 Kervella, P. – 421
 Khanal, L. – 525
 Khouri, T. – 31, 436
 Klotz, D. – 456
 Kluska, J. – 27, 387
 Kobayashi, C. – 247, 330
 Kong, X.-M. – 351
 Kraemer, K. E. – 305
 Kravchenko, K. – 27, 441
 Krieger, N. – 485
 Kurayama, T. – 476
 Kurfürst, P. – 487
 Kwok, S. – 443

 Lagadec, E. – 141
 Lago, P. J. A. – 377
 Lançon, A. – 309, 454
 Landin, N. R. – 468
 Lanza, A. – 375
 Lattanzio, J. – 3
 Lawlor, T. M. – 445
 Le Bouquin, J.-B. – 27
 Lebzelter, T. – 73, 413, 419, 447
 Lecoeur-Taibi, I. – 73

- Lee, C.-F. – 483
 Lee, H.-G. – 449
 Lee, H.-W. – 416, 449
 Lee, Y.-M. – 449
 Lekht, E. – 493
 Lewis, M. O. – 334
 Li, A. – 425
 Li, L. – 427
 Liljegren, S. – 9, 134
 Lim, J. – 196
 Liška, J. – 487
 Liu, B. – 235
 Liu, J. – 425
 Löblich, L. – 452
 Loup, C. – 309, 454
 Lugaro, M. – 89, 489
 Luna, A. – 480
 Lykou, F. – 400, 456
 Lyubenova, M. – 309
- Maciel, W. J. – 458
 Maclay, M. T. – 429
 Maercker, M. – 31, 360
 Machado, A. – 489
 Manick, R. – 404
 Marcelino, N. – 535
 Marengo, M. – 498
 Marigo, P. – 73, 93, 269, 301, 375, 478
 Marshall, J. P. – 181
 Marti-Vidal, I. – 436
 Martín-Gago, J. A. – 535
 Massalkhi, S. – 460
 Masseron, T. – 438, 489
 Mathias, P. – 368
 Matsuura, M. – 436
 Mattsson, L. – 462
 Mayer, A. – 27
 McCarthy, M. – 483
 McCarthy, M. C. – 535
 McConnachie, A. – 201
 McConnachie, A. W. – 265
 McDonald, I. – 305, 429, 464, 529
 McSwain, M. V. – 349
 Mečina, M. – 93, 360, 466
 Meier, D. S. – 485
 Meixner, M. – 429, 498
 Mendes, L. T. S. – 468
 Meng, X. – 470
 Menten, K. – 483
 Menzies, J. – 472
 Merle, T. – 431, 438, 441
 Mikolaitis, Š. – 510
 Millar, T. – 191
 Millar, T. J. – 531
 Miller Bertolami, M. M. – 36, 385
 Minkevičiūtė, R. – 510
 Miranda, L. F. – 527
- Molnár, L. – 89
 Montalbán, J. – 301
 Montargès, M. – 362
 Montez Jr., R. – 474
 Morris, M. – 495
 Morris, M. R. – 334
 Mowlavi, N. – 73
 Muller, S. – 436
- Nagayama, T. – 476
 Nakagawa, A. – 476
 Nanni, A. – 93, 478
 Navarro, S. G. – 480
 Netopil, M. – 487
 Nielsen, K. – 491
 Nordhaus, J. – 235
 Nordström, B. – 345
 Nowotny, W. – 93, 466
- Oberto, A. – 454
 Olofsson, H. – 31, 360, 436
 Omodaka, T. – 476
 Oomen, G.-M. – 230
 Orosz, G. – 476
 Ossorio, Y. – 489
 Otsuka, M. – 498, 514, 518, 520
 Ott, J. – 485
 Oyama, T. – 476
- Paladini, C. – 27, 436
 Palma, T. – 416, 449
 Pardo, J. R. – 398
 Parker, Q. A. – 400
 Pashchenko, M. – 493
 Pastorelli, G. – 73, 269, 301
 Patel, N. A. – 483, 535
 Paunzen, E. – 487
 Peletier, R. – 309
 Peng, B. – 235
 Pepper, J. – 349
 Pereira, C. B. – 89
 Pérez-Mesa, V. – 489
 Pignatari, M. – 89
 Pihlström, Y. M. – 334
 Plachy, E. – 89
 Plane, J. M. C. – 119
 Plez, B. – 438, 489
 Podsiadlowski, P. – 470
 Pols, O. – 230
 Prugniel, P. – 309
- Quintana-Lacaci, G. – 398, 535
 Quiroga-Nuñez, L. H. – 334
- Rajagopal, J. – 495
 Ramírez Vélez, J. – 480
 Ramstedt, S. – 27, 31, 150, 474

- Rau, G. – 360, 365, 491
 Reid, I. N. – 385
 Rich, R. M. – 334
 Richards, A. – 421
 Rizzo, J. R. – 527
 Rodrigues, T. S. – 375
 Rodríguez Marquina, B. – 538
 Royer, P. – 436
 Rubele, S. – 478
 Rudnitskij, G. – 493

 Saberi, M. – 191
 Sadjadi, S. – 443
 Sadowski, G. – 27
 Safari, H. – 512
 Sahai, R. – 164, 495
 Sánchez Contreras, C. – 398, 535
 Sánchez-Contreras, C. – 343
 Sandin, C. – 462
 Santander-García, M. – 186, 239, 343, 398
 Sargent, B. – 498
 Schmidt, M. R. – 396
 Schultheis, M. – 373
 Scicluna, P. – 181, 383, 500, 502, 504, 506, 538
 Sefyani, F. – 368
 Serrano, O. – 480
 Sewilo, M. – 508
 Shaw, R. – 400
 Shetrone, M. D. – 265
 Shety, S. – 27
 Shetye, S. – 69, 438
 Siebenmorgen, R. – 500
 Siess, L. – 69, 394, 438
 Siopis, C. – 27
 Sjouwerman, L. O. – 334
 Skarka, M. – 487
 Sloan, G. C. – 305
 Smiljanic, R. – 510
 Srinivasan, S. – 181, 383, 498, 504, 506, 538
 Stancliffe, R. – 436
 Stanghellini, L. – 174
 Starckenburg, E. – 265
 Stassun, K. G. – 349
 Stonkutė, E. – 510
 Straniero, O. – 447
 Stroh, M. C. – 334
 Suárez, O. – 527
 Suberlak, K. – 59
 Suh, K.-W. – 159
 Sundqvist, J. O. – 531
 Szabó, R. – 89
 Szczerba, R. – 396, 508, 522

 Tailo, M. – 291, 314
 Takita, S. – 522
 Tautvaišienė, G. – 510
 Telliez, L. – 309
 Teyssier, D. – 436
 Th. van Loon, J. – 283, 512
 Tolmachev, A. – 493
 Tolstoy, E. – 49
 Torki, M. – 512
 Torrelles, J. M. – 527
 Torres, A. J. – 516
 Trabucchi, M. – 73, 301
 Trager, S. C. – 309
 Trapp, A. C. – 334
 Trejo, A. – 181
 Trinidad, M. A. – 527
 Trust, O. – 434
 Tu, Y. – 235

 Ueta, T. – 514, 516, 518, 520, 522
 Upadhyay, D. R. – 525
 Uscanga, L. – 527
 Uttenthaler, S. – 529

 Van de Sande, M. – 436, 531
 Van de Steene, G. – 423
 Van de Steene, G. C. – 533
 Van der Swaelmen, M. – 438
 Van Eck, S. – 27, 69, 431, 438, 441
 van Langevelde, H. J. – 334
 van Trung, D. – 196
 Van Winckel, H. – 69, 230, 355, 387, 404, 423, 431, 533
 van Winckel, H. – 394
 Vazdekis, A. – 309
 Velilla-Prieto, L. – 398, 535
 Venn, K. A. – 265
 Ventura, P. – 291, 314, 462, 468
 Vincenzo, F. – 247, 330
 Viscasillas Vázquez, C. – 510
 Vlemmings, W. – 19, 191, 436, 474
 Vlemmings, W. H. T. – 31

 Wallström, S. – 538
 Wang, B. – 540
 Waters, L. B. F. M. – 436
 Wesson, R. – 239, 500
 Whitelock, P. – 498
 Whitelock, P. A. – 275
 Wiegert, J. – 542
 Wing, R. F. – 544
 Wittkowski, M. – 27, 491, 546
 Wolf, S. – 500

- Wolter, U. – 548
Wood, P. – 73
Wood, P. R. – 301
Woods, T. E. – 371
Wouterloot, J. G. A. – 181
- Yamamura, I. – 516, 520
Yates, J. – 381
Young, K. – 483
Young, K. H. – 535
Yung, B. H. K. – 396, 508, 527
- Yungelson, L. – 371
Yusef-Zadeh, F. – 485
- Zamora, O. – 489
Zejda, M. – 487
Zhang, Y. – 443
Zhao, G. – 351
Zhao, J.-K. – 351
Zhukovska, S. – 258
Zijlstra, A. – 181, 400
Zijlstra, A. A. – 305

IAU Symposium

343

20–23 August 2018

Vienna, Austria

**Why Galaxies Care
About AGB Stars:
A Continuing
Challenge through
Cosmic Time**

Stars on the asymptotic giant branch (AGB stars) play an important role due to their high luminosities and production of heavy elements and cosmic dust. They are prime laboratories for studying situations where different physical and chemical processes work simultaneously, on different time scales. IAU Symposium 343 builds a bridge between research on AGB stars themselves and their applications to the modelling of stellar populations and the chemical evolution of galaxies. Our understanding of these complex stars is given using insights into many aspects of physics and chemistry, while very high-angular resolution observations of AGB stars and their surroundings provide strong constraints on stellar theory and how they lose matter through strong stellar winds. This volume also highlights the difficulties in estimating the importance of AGB stars for various aspects of galaxies. Current developments and challenges of these complex objects are discussed for a broad, interdisciplinary audience of astronomers.

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

CAMBRIDGE
UNIVERSITY PRESS

ISBN 978-1-108-47152-7



9 781108 471527