

Author index

- Agúndez, M. – 324
Akras, S. – 156, 163, 320, 427, 432, 435
Alcolea, J. – 208, 215, 233, 262, 330, 337
Aleman, I. – 183
Alves-Brito, A. – 379
Amram, P. – 170
Anastácio, L. – 379
Anglada, G. – 408
Arias, L. – 136
Arnaboldi, M. – 14, 21, 50, 76, 89, 109, 391
Arrieta, A. – 136

Balick, B. – 208, 337
Barlow, M. J. – 183
Barría, D. – 444
Barzaga, R. – 233
Bermúdez-Bustamante, L. C. – 269
Bernard-Salas, J. – 183
Bertolami, M. M. M. – 69
Bhattacharya, S. – 21
Bian, F. – 14
Bianchi, S. – 394
Blackman, E. G. – 337
Boffin, H. – 43
Boumis, P. – 408
Bouvis, K. – 427
Bublitz, J. – 208
Bujarrabal, V. – 215, 233, 262, 330, 337

Cala, R. A. – 408, 441
Caldwell, N. – 21
Cami, J. – 183
Cantó, J. – 408
Cao, L. – 397
Castro, N. – 63
Castro-Carrizo, A. – 262, 324, 330, 337
Cazzoli, S. – 320
Cernicharo, J. – 324
Chornay, N. – 43
Ciardullo, R. – 50, 63, 76
Clark, N. – 183
Coccato, L. – 109
Contreras, C. S. – 337
Cortesi, A. – 109, 379
Cox, N. L. J. – 183
Cristiani, V. – 400

Danilovich, T. – 269
De Marco, O. – 269, 337

de Oliveira, C. M. – 170
Decin, L. – 324
Dell’Agli, F. – 222, 394
Díaz-Luis, J. J. – 233
Dinerstein, H. L. – 183

Ennis, A. I. – 14, 109, 391

Fang, X. – 36, 435
Fonfría, J. P. – 324, 330
Forveille, T. – 208
Fragkou, V. – 405
Freeman, K. C. – 21, 109
Freimanis, J. – 411

García-Benito, G. – 36
García-Hernández, D. A. – 233, 245, 394
García-Rojas, J. – 150, 370
García-Segura, G. – 183
Gerhard, O. – 21, 89, 109
Gesicki, K. – 429
Gieser, C. – 208
Gładkowski, M. – 417
Gomes, A. – 379
Gómez, J. F. – 408, 441
Gómez-González, V. M. A. – 320
Gomez-Llanos, V. – 150
Gómez-Muñoz, M. A. – 233
Gonçalves, D. R. – 156, 320, 405
González Santamaría, I. – 95, 403
González-Bolfvar, M. – 269
Grankina, A. – 315, 420
Green, J. A. – 408
Grzesiak, K. – 429
Guerrero, M. A. – 36, 290, 320, 351, 435

Hajduk, M. – 417, 429, 444
Hammer, F. – 21
Hartke, J. – 14, 21, 109, 391
Herdinger Lourenço, M. C. – 379
Hernández-Juárez, D. – 31
Hily-Blant, P. – 208
Hirai, R. – 269
Huang, H. – 36
Huertas-Roldán, T. – 233

Icke, V. – 422
Iwanowska, A. – 429

- Jacoby, G. H. – 50, 63, 76
 Jia, P. – 397
 Jiménez-Arranz, Ó. – 95
 Jones, D. – 43
 Jorissen, A. – 366
 Justtanont, K. – 183
 Kamath, D. – 394
 Kamiński, T. – 344
 Kaplan, K. F. – 183
 Kasliwal, M. – 269
 Kastner, J. H. – 208, 337, 454
 Kavanagh, P. J. – 183
 Kim, H. – 301, 337
 Kimeswenger, S. – 444
 Kluska, J. – 262
 Kobayashi, C. – 21
 Konstantinou, L. – 432
 Kudritzki, R.-P. – 310
 Kuijken, K. – 109
 Kwok, S. – 239
 Lagadec, E. – 337
 Lau, M. Y. M. – 269
 Le Dû, P. – 351
 Lee, C.-F. – 337
 Lee, T.-H. – 36
 Li, J. – 397
 Li, X. – 397
 Li, Y. – 397
 Lipinski, J. – 429
 Lisiecki, K. – 429
 López, J. A. – 136
 Luri, X. – 95
 Lykou, F. – 351
 Magnani, C. – 379
 Manchado, A. – 95, 183, 233, 403
 Manteiga, M. – 95, 403
 Mari, M. B. – 156
 Masa, E. – 215
 Mast, D. – 400
 Matsuura, M. – 183, 251
 McConnachie, A. – 21
 McDonald, I. – 183, 425
 Méndez, R. H. – 69, 310
 Méndez-Delgado, J. E. – 370
 Merrifield, M. – 109
 Micheva, G. – 63
 Mignone, C. – 379
 Miranda, L. F. – 408, 438, 441
 Monreal-Ibero, A. – 63
 Monteiro, H. – 150, 170
 Montez Jr, R. – 208
 Moraga Baez, P. – 208
 Moreira, G. – 379
 Moreira, N. – 379
 Morisset, C. – 150
 Mu, C. – 269
 Nakashima, J.-i. – 414
 Napolitano, N. – 109
 Otsuka, M. – 143
 Ouyang, X.-J. – 414
 Parker, Q. A. – 102, 351, 397, 405, 414
 Peeters, E. – 183
 Peña, M. – 31
 Penger, S. – 391
 Pignata, R. A. – 400
 Planquart, L. – 366
 Price, D. J. – 269
 Puķītis, K. – 315, 420
 Pulsoni, C. – 14, 109
 Quint, B. C. – 170
 Quintana-Lacaci, G. – 324
 Ramos-Larios, G. – 320, 435
 Rechy-García, J. S. – 320, 405
 Remijan, A. J. – 447
 Remus, R.-S. – 69
 Richer, M. G. – 136
 Ritter, A. – 102, 351
 Rodríguez, M. – 31
 Romeiro, R. – 379
 Romero, M. – 95
 Roth, M. M. – 50, 63, 76
 Rufino Travasso, G. – 379
 Sabin, L. – 320, 337, 405
 Sadjadi, S. – 239
 Sahai, R. – 183, 337
 Sánchez Contreras, C. – 262, 330
 Santamaría, E. I. – 290, 320
 Santander-García, M. – 208, 215, 337
 Sarzi, M. – 83
 Schlagenhauf, S. – 83
 Schmidt, D. R. – 190
 Siebert, M. A. – 447
 Siess, L. – 269
 Smolec, R. – 417
 Soemitro, A. A. – 50, 63
 Soker, N. – 358
 Soszyński, I. – 417
 Sperauskas, J. – 315
 Spiniello, C. – 14
 Stanghellini, L. – 1, 36, 170, 394
 Stasińska, G. – 122
 Suárez, O. – 408
 Sun, R. – 397
 Szczerba, R. – 417

- Tafoya, D. – 233, 330, 337, 444
Tan, S. – 102
Toalá, J. A. – 320, 435, 444
Torres-Peimbert, S. – 136
Tosi, S. – 394
- Ueta, T. – 143, 337
Urbaneja, M. A. – 310
Uscanga, L. – 408
- Valenzuela, L. M. – 69
Van de Steene, G. C. – 183, 444
van Hoof, P. A. M. – 183, 444
Van Winckel, H. – 262
Vázquez, R. – 405
Velilla, L. – 324
Ventura, P. – 276, 394
Victor, A. – 379
- Villaver, E. – 95, 403
Vlemmings, W. – 337
Volk, K. – 183
- Walton, N. – 43
Weidmann, W. A. – 400
Weilbacher, P. M. – 50, 63
Wesson, R. – 170, 183
- Yang, Y. – 21
- Začs, L. – 315, 420
Zhang, C.-P. – 414
Zhang, Y. – 36, 239, 414
Zijlstra, A. – 102, 183, 337, 351, 405,
 414, 425, 429, 444
Ziurys, L. M. – 190

IAU Symposium

384

4–8 September 2023
Krakow, Poland

Planetary Nebulae: A Universal Toolbox in the Era of Precision Astrophysics

Planetary nebulae are generated when the outer layers of intermediate-mass stars are ejected during the second giant expansion after core helium burning has ceased. The star, ultimately destined to becoming a white dwarf, ionises the ejecta revealing intricate nebular shapes. Over the years, the initial awe inspired by these beautiful displays has turned into the realisation of the vast number of astrophysical questions that can be tackled using planetary nebulae. This volume collects a series of contributions to IAU Symposium 384, which show the breadth of problems that can be addressed with these objects: from the dynamical and chemical evolutions of galaxies and clusters, to the evolution of stars, to binary interactions, and to the exploration of the chemistry of life. Researchers from many astronomical fields can discover how observational tools from planetary nebulae can be applied to inform and benefit their own work.

Proceedings of the International Astronomical Union
Editor in Chief: Prof. José Miguel Rodríguez Espinosa
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



Proceedings of the International Astronomical Union

Cambridge Core

For further information about this journal please go to the journal website at: cambridge.org/iau

ISBN 978-1-009-39932-6



CAMBRIDGE
UNIVERSITY PRESS