

Author Index

- Acker, A. – 9, 314, 442
Aguilar, A. – 504
Akimkin, V. V. – 406
Akras, S. – 302, 304
Alcolea, J. – 320, 498
Aller, A. – 428
Alves-Brito, A. – 368
Amiri, N. – 418
Appakutty, M. – 454
Arcay, B. – 428
Arnaboldi, M. – 267
Arrieta, A. – 306, 356, 512

Balick, B. – 53, 416, 420, 430, 438, 502, 520
Barlow, M. – 144, 295
Barlow, M. J. – 41, 352, 514
Bendjoya, P. – 59
Bianchi, L. – 45, 275, 308, 404
Bilikova, J. – 310
Bilodeau, R. C. – 504
Blair, W. P. – 378
Blanco, M. – 312, 440
Boffin, H. – 314
Bohigas, J. – 348
Boissay, R. – 316
Bojicic, I. – 316
Bojičić, I. S. – 318, 334, 362
Bond, H. – 346
Borkowski, J. – 506
Braxton, K. – 430
Bresolin, F. – 263
Bright, S. N. – 115
Brunthaler, A. – 330
Bujarrabal, V. – 320, 498
Buntain, J. – 322

Caldwell, N. – 275
Cantó, J. – 103
Casassus, S. – 470
Cataldo, F. – 324
Cavichia, O. – 326
Cerrigone, L. – 328
Chapman, J. M. – 474
Chau, W. – 532
Chesneau, O. – 59, 115
Choi, Y. K. – 330
Chong, S-N. – 184
Chu, Y.-H. – 21, 310, 378
Ciardullo, R. – 414
Cioni, M.-R. L. – 444
Clark, D. – 332

Clark, D. M. – 63
Claussen, M. J. – 180
Cohen, M. – 334
Colgan, S. W. J. – 67
Contreras, M. E. – 464
Corradi, R. – 17, 448
Corradi, R. L. M. – 67, 420, 460, 492
Costa, R. D. D. – 326, 336, 424
Crawford, E. J. – 334
Crisp, R. D. – 414

Dalcanton, J. J. – 275
Dalnodar, S. – 338, 412
Danehka, A. – 340
Davies, J. E. – 29, 502
De Horta, A. Y. – 334
De Marco, O. – 111, 115, 340, 344, 346, 414
Decin, L. – 516
Deguchi, S. – 524
Delgado-Inglada, G. – 342, 488
De Smedt, K. – 235
Desmurs, J.-F. – 418
Diamond, P. J. – 418, 524
Douchin, D. – 344, 346, 414
Dufour, R. – 348

Ercolano, B. – 144
Escalante, V. – 350
Esteves, D. A. – 504
Evans, T. L. – 235
Exter, K. – 352
Exter, K. M. – 41, 514

Faes, D. M. – 336
Falceta-Gonçalves, D. – 446
Fang, X. – 354, 432, 532
Fazio, G. – 328
Ferland, G. J. – 352, 384
Fierro, C. R. – 356
Filipović, M. D. – 334
Forster, K. – 308
Frank, A. – 164
Freimanis, J. – 358, 360
Frew, D. – 192
Frew, D. J. – 9, 314, 316, 318, 340, 346, 362, 414

García-Díaz, M.-T. – 63, 366, 490
García-Hernández, A. – 148
García-Hernández, D. A. – 29, 83, 452, 502, 506

- García-Lario, P. – 29, 33, 452, 502, 506
García-Rojas, J. – 139, 478
García-Rojas, J. – 364
Georgiev, L. – 350, 356, 512
Georgiev, L. N. – 306
Gesicki, K. – 259
Gielen, C. – 235
Girardi, L. – 275
Gomez, T. – 430
Goncalves, D. R. – 368, 370
Gonçalves, D. – 144, 448
Gonçalves, D. R. – 251
Gordon, K. – 275
Gorlova, N. – 235
Górny, S. K. – 372, 374
Gräfener, G. – 510
Groenewegen, M. A. T. – 444
Gruendl, R. – 310
Gruendl, R. A. – 378
Guerrero, M. – 204
Guerrero, M. A. – 312, 376, 378, 440
Guillén, P. F. – 464
Guironnet de Massas, J. – 83
Guzmán-Ramírez, L. – 259

Hajduk, M. – 380, 382, 506
Hall, P. D. – 95
Hamann, W.-R. – 378, 494, 510
Harmer, D. – 414
Hart, A. – 328
Hartigan, P. M. – 348
Hattori, T. – 434
Henry, R. B. C. – 119, 348, 384, 416, 438
Herald, J. E. – 404
Hernández-Martínez, L. – 386
Hillier, D. J. – 306
Hillwig, T. – 346
Höfner, S. – 243
Hora, J. L. – 328
Howell, M. – 414
Howell, S. B. – 344, 346, 414
Hrvnak, B. J. – 115
Hsia, C.-H. – 388, 528, 532
Hsia, Ch.-H. – 390
Huarte-Espinosa, M. – 164
Huggins, P. – 188

Ibadov, S. – 392
Iglesias-Groth, S. – 324
Imai, H. – 184, 394, 524
Isasi, Y. – 428
Izzard, R. G. – 95

Jacob, R. – 215, 396, 398, 400, 494
Jacoby, G. H. – 279, 344, 346, 414
Jasniewicz, G. – 346

Jayakumar, K. – 454
Johnson, L. C. – 275
Jones, D. – 402

Kamath, D. – 235
Kaneda, H. – 462
Karakas, A. – 127, 322
Karakas, A. I. – 384
Käufl, H. – 287
Keller, G. R. – 404
Kemball, A. – 418
Keppens, R. – 516
Kholtigin, A. F. – 406, 408
Kilcoyne, A. L. D. – 504
Kimeswenger, S. – 412
Kissmann, R. – 412
Ko, C.-M. – 530
Koning, N. – 410, 458, 528
Köppen, J. – 314
Koskela, A. – 412
Kronberger, M. – 344, 414
Kruk, J. W. – 211, 426, 482
Kudritzki, R.-P. – 436
Kuntschner, H. – 279
Kwitter, K. – 416
Kwitter, K. B. – 119, 348, 438
Kwok, S. – 1, 184, 388, 390, 410, 458, 524, 528, 530, 532

Lagadec, E. – 59, 115, 259, 312
Lambert, D. L. – 476
Lanfranchi, G. – 370
Lang, D. – 275
Laure, A. – 526
Leal-Ferreira, M. – 448
Leal-Ferreira, M. L. – 418
Lee, T.-H. – 502
Lehman, E. M. M. – 416
Lehmann, H. – 400
Liimets, T. – 420
Lim, T. L. – 41, 514
Liu, X. – 131
Liu, X.-W. – 354, 432, 532
Lloyd, M. – 63, 402
López, J. A. – 302, 332, 366, 472, 490
López, J.-A. – 63
Lugaro, M. – 127, 322
Luridiana, V. – 139, 422
Lutz, J. – 430

Maciel, W. J. – 326, 404, 424, 486
Magrini, L. – 251, 368, 370, 434
Mahsereci, M. – 426
Mampaso, A. – 460, 492
Manchado, A. – 29, 83, 308, 324, 502
Manteiga, M. – 428
Marigo, P. – 87, 275

- Martins, L. P. – 370
 Matsuura, M. – 41, 79, 462, 514
 McKeever, J. – 430
 McNabb, I. A. – 432
 Meaburn, J. – 63
 Mékarnia, D. – 59
 Meliani, Z. – 516
 Méndez, R. – 434, 436
 Méndez, R. H. – 368
 Menten, K. M. – 330
 Milanova, Y. V. – 408
 Milingo, J. – 438
 Millar, T. J. – 259
 Miranda, L. F. – 312, 376, 428, 440, 484
 Miszalski, B. – 9, 107, 314, 442, 444
 Moe, M. – 111
 Moffat, A. F. J. – 314
 Mollá, M. – 326
 Monteiro, H. – 446, 448
 Montez Jr., R. – 450
 Morisset, C. – 144, 306, 336, 350, 356,
 364, 422, 452, 470
 Morris, M. R. – 180
 Muthumariappan, C. – 454, 456
- Nakashima, J. – 524
 Nakashima, J.-i – 458, 528
 Napiwotzki, R. – 346, 444
 Navarro, S. G. – 460
 Nie, J.-C. – 444
 Níchuimín, R. – 259
 Nikiforov, I. I. – 406, 408
- Ochsenbein, F. – 442
 Ohsawa, R. – 462
 Olguin, L. – 464
 Oliveira, J. M. – 444
 Onaka, T. – 462
 Oskinova, L. – 378, 510
 Osorio, M. – 484
 Ostermann, A. – 412
 Ottensamer, R. – 41, 352
- P. van Hoof, – 41
 Palen, S. – 502
 Parker, Q. – 9, 346, 480, 492
 Parker, Q. A. – 192, 314, 316, 318, 340,
 362, 414, 442
 Parthasarathy, M. – 454
 Passy, J.-C. – 346
 Patchick, D. – 414
 Payne, J. L. – 334
 Peimbert, A. – 356, 466, 468
 Peimbert, M. – 466, 468
 Peletier, R. F. – 279
 Peña, M. – 263, 364, 478, 510
 Péquignot, D. – 470
- Perea-Calderón, J. V. – 29, 502
 Pérez-Sánchez, A. F. – 474
 Pereyra, E. M. – 472
 Peyaud, A. – 346
 Porter, R. L. – 352
 Prinja, R. K. – 436
- Quireza, C. – 370
- Raga, A. C. – 103
 Ramos-Larios, G. – 376
 Rao, N. K. – 476
 Rauch, T. – 211, 426, 482
 Rechy-García, J. S. – 478
 Rector, T. – 414
 Reddy, B. E. – 456
 Reid, M. J. – 330
 Reid, W. – 334
 Reid, W. A. – 227, 480
 Reimer, A. – 412
 Reindl, N. – 482
 Rejkuba, M. – 279
 Richer, M. – 243
 Richer, M. G. – 63, 332, 366, 472
 Riddle, D. – 414
 Riera, A. – 103, 440
 Riesgo, H. – 63, 366
 Ringat, E. – 426, 482
 Rizzo, J. R. – 484
 Rodrigues, T. S. – 424, 486
 Rodríguez, M. – 342, 488
 Rosenfield, P. A. – 275
 Rubin, R. H. – 67
 Ruiz, M. T. – 364
 Ruiz, N. – 378
 Rühling, U. – 494
- Sabin, L. – 17, 464, 490, 492
 Sahai, R. – 180
 Sakon, I. – 462
 Sánchez, S. – 448
 Sánchez Contreras, C. – 180
 Sandin, C. – 215, 396, 398, 400,
 494
 Sankrit, R. – 67, 496
 Santander-García, M. – 320, 402, 420,
 498
 Sarzi, M. – 283
 Schönberner, D. – 215, 378, 396, 398,
 400, 494
 Schröder, K.-P. – 518
 Seth, A. C. – 275
 Sharova, O. I. – 500
 Shaw, R. – 156, 422
 Shaw, R. A. – 29, 502
 Sibthorpe, B. – 41
 Sick, J. N. – 348

- Sivaraja, V. – 67
Siódmiak, N. – 374, 506
Smirnova, O. – 526
Soria, R. – 320
Speck, A. – 384
Sperauskas, J. – 526
Stancil, P. C. – 504
Stanghellini, L. – 29, 251, 502
Stasinska, G. – 239, 263
Stasińska, G. – 306, 506
Steffen, M. – 215, 378, 396, 398, 400, 494
Steffen, W. – 63, 103, 168, 302, 304, 332, 366, 410
Sterling, N. C. – 504
Storey, P. J. – 354, 432
Su, K. Y. L. – 310
Suárez, O. – 59, 484
Suárez, O. – 312, 506
Szczerba, R. – 59, 452, 506
Szyszka, C. – 508
- Tafoya, D. – 184, 394
Tauris, T. M. – 95
Teodorescu, A. M. – 368, 370, 434
Teutsch, P. – 414
Tielens, A. G. G. M. – 67
Todt, H. – 378, 494, 510
Torres-Peimbert, S. – 512
Tout, C. A. – 95
Trigilio, C. – 328
Tsamis, Y. – 263
Tsamis, Y. G. – 67
Tyndall, A. A. – 402
- Udalski, A. – 444
Ueta, T. – 41, 514
Ulla, A. – 428
Umana, G. – 328
Urbaneja, M. A. – 436
Urošević, D. – 522
- van Aarle, E. – 235
Van de Steene, G. C. – 41, 352, 514
van Hoof, P. – 41
van Hoof, P. A. M. – 352, 382, 514
van Marle, A. J. – 516
Van Winckel, H. – 41, 115, 235
Vasyakina, O. V. – 408
Vázquez, R. – 376, 464, 490
Velázquez, P. F. – 103
Verbena, J. L. – 518
Verhoelst, T. – 59
Villaver, E. – 29, 83, 219, 502
Vinković, D. – 520
Vlemmings, W. – 176
Vlemmings, W. H. T. – 418, 474
Volgenau, N. – 458
Vukotić, B. – 522
- Wachter, A. – 518
Waelkens, C. – 41
Walsh, J. R. – 279, 508
Walton, N. A. – 279
Wang, Q. – 71
Werner, K. – 196, 211, 426, 482
Wesson, R. – 41, 144, 352
Williams, B. F. – 275
Willson, L. A. – 71
Witthoeft, M. C. – 504
Wood, P. R. – 235
Woodley K. A. – 279
Woods, P. M. – 259
- Yamamura, I. – 462
Yung, B. H. K. – 458, 524
- Začs, L. – 526
Zhang, Y. – 458, 528, 530, 532
Ziegler, M. – 211
Zijlstra, A. – 259, 346, 492
Zijlstra, A. A. – 59, 380, 382, 508
Zühlke, J. – 510
Zwanzig, A. – 400

International Journal of Astrobiology

Managing Editor

Simon Mitton, University of Cambridge , UK

International Journal of Astrobiology is the peer-reviewed forum for practitioners in this exciting interdisciplinary field. Coverage includes cosmic prebiotic chemistry, planetary evolution, the search for planetary systems and habitable zones, extremophile biology and experimental simulation of extraterrestrial environments, Mars as an abode of life, life detection in our solar system and beyond, the search for extraterrestrial intelligence, the history of the science of astrobiology, as well as societal and educational aspects of astrobiology. Occasionally an issue of the journal is devoted to the keynote plenary research papers from an international meeting. A notable feature of the journal is the global distribution of its authors.

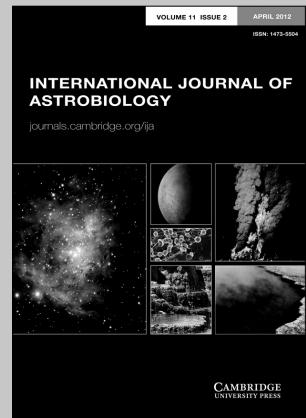
Price information

is available at: <http://journals.cambridge.org/ija>

Free email alerts

Keep up-to-date with new material – sign up at
<http://journals.cambridge.org/ija-alerts>

For free online content visit:
<http://journals.cambridge.org/ija>



*International Journal of
Astrobiology*
is available online at:
<http://journals.cambridge.org/ija>

**To subscribe contact
Customer Services****in Cambridge:**

Phone +44 (0)1223 326070
Fax +44 (0)1223 325150
Email journals@cambridge.org

in New York:

Phone +1 (845) 353 7500
Fax +1 (845) 353 4141
Email
subscriptions_newyork@cambridge.org

IAU Symposium No. 283

25–29 July 2011

Puerto de la Cruz, Tenerife

Planetary Nebulae: An Eye to the Future

Planetary nebulae play a key role in stellar evolution as an important fraction of stellar matter in the Universe goes through the asymptotic giant branch and planetary nebula phases in its lifetime. They are major contributors to the chemical enrichment of galaxies, especially for nitrogen and carbon. They also act as multi-wavelength laboratories for understanding atomic, molecular, dust, and plasma processes in different astrophysical environments, and for studying the dynamics and mass distributions of galaxies. IAU Symposium 283 brought together experts from a variety of countries to present new results including: those from IPHAS and HERSCHEL; the detection of fullerenes in our galaxy and its neighbors; a new catalogue of about 600 planetary nebulae spectra; and the latest three-dimensional models of the common envelope phase. This volume is an essential reference for all those specializing in planetary nebulae research.

Proceedings of the International Astronomical Union

Editor in Chief: Prof. Thierry Montmerle

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® C018575

Proceedings of the International Astronomical Union

Cambridge Journals Online

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

CAMBRIDGE
UNIVERSITY PRESS

ISBN 978-1-107-01983-6



9 781107 019836 >