

Author index

- Abbate, F. – 295
Adomako, D. – 410
Agarwal, D. – 414
Andersson, N. – 213
Archibald, A. M. – 47, 138, 342
Armour, W. – 171, 414
Arzoumanian, Z. – 187
Asabere, B. D. – 410
Ashton, G. – 307
- Bachetti, M. – 394
Baffa, C. – 171
Bailes, M. – 142, 165, 322
Baring, M. G. – 108, 420
Barnard, M. – 120
Barr, E. D. – 171, 175, 295, 322, 330, 370
Bassa, C. G. – 33, 247, 251, 362, 380
Basu, A. K. – 309
Basu, R. – 96
Bateman, T. – 322
Bhandari, S. – 322
Bhaskaran, S. – 150
Bhat, N. D. R. – 142, 311
Bhattacharya, D. – 37, 309
Bhattacharyya, B. – 17
Bilous, A. V. – 66, 358, 412
Black, R. A. – 398
Błaszkiwicz, L. – 356
Bogdanov, S. – 116
Bondonneau, L. – 291, 313, 338
Borghese, A. – 104, 315
Böttcher, M. – 420
Bower, G. C. – 263
Breton, R. P. – 43, 396, 410, 422
Brook, P. R. – 58, 317
Burgay, M. – 319, 392
Burnett, M. – 398
Butler, B. J. – 263
- Caballero, R. N. – 154
Caleb, M. – 322, 406
Cameron, A. D. – 134
Camilo, F. – 251
Campbell-Wilson, D. – 322
Casu, S. – 392
Cator, E. – 344
Chamberlin, T. – 398
Chambers, F. R. N. – 324, 336
Champion, D. – 386
Chatterjee, S. – 263
Chennamangalam, J. – 414
- Chibueze, J. O. – 410
Chippendale, A. – 330, 370
Chou, C.-K. – 390
Clark, C. J. – 21, 382
Cloete, K. – 410
Cobb, J. – 414
Cognard, I. – 247, 386
Concu, R. – 392
Cooper, S. – 171
Cordes, J. M. – 263, 269
Corongiu, A. – 392
Coti Zelati, F. – 104, 315, 326
Cutler, C. – 150
- Dai, S. – 328
D'Amico, N. – 251
Deller, A. T. – 263, 291
Demorest, P. – 263
Deng, X. – 330, 370
Deshpande, A. A. – 376
Desvignes, G. – 247, 251, 386
Donner, J. Y. – 291
Driessen, L. N. – 291, 406
Dyks, J. – 332
- Eatough, R. – 171
Egron, E. – 392, 394
Ellis, J. A. – 150
Ely, T. – 150
Ensor, A. – 171
Espinoza, C. M. – 217, 221
Esposito, P. – 62, 104, 319
- Farah, W. – 322
Ferdman, R. D. – 146
Ferrara, E. C. – 33
Fletcher, A. G. – 380
Flynn, C. – 142, 322
Folkner, W. M. – 150
Ford, J. – 398
Fortin, M. – 225
Foster, G. – 400, 414
Freire, P. C. C. – 251, 295
Fuentes, J. R. – 217
Fujisawa, K. – 334
- Gajjar, V. – 348
Garcia, F. – 336
Gendreau, K. C. – 187
Gentile, P. A. – 43
George, D. – 330, 370

- Geyer, M. – 275, 291
 Giani, E. – 171
 Golpayegani, G. – 414
 Gonthier, P. L. – 108
 Gorthi, D. – 414
 Gouiffes, C. – 384
 Graber, V. – 213
 Green, A. J. – 322
 Griefmeier, J.-M. – 62, 291, 313, 338
 Guillemot, L. – 21, 247
 Guillot, S. – 340
 Gusinskaia, N. V. – 138, 342

 Hankins, T. H. – 29
 Harding, A. K. – 52, 108, 120, 420
 Harrison, P. A. – 422
 Harvey-Smith, L. – 408
 Haskell, B. – 203
 Hawkins, L. – 398
 Heinke, C. O. – 251
 Hermsen, W. – 62
 Hessels, J. W. T. – 33, 43, 47, 62, 138, 291, 342
 Hilmarsson, G. H. – 330
 Ho, W. C. G. – 213
 Hobbs, G. B. – 233, 328, 408
 Hoeft, M. – 291
 Holloway, A. – 422
 Horneffer, A. – 62
 Houben, L. – 330
 Hunstead, R. W. – 322

 Iacolina, M. N. – 392, 394
 Igoshev, A. P. – 344
 Ilie, C.-D. – 79
 Israel, G. L. – 319

 Jameson, A. – 322
 Jankowski, F. – 322
 Jaodand, A. – 47
 Jaroenjittichai, P. – 346
 Jeffs, B. – 398
 Johnston, S. – 84, 100, 328
 Jones, D. I. – 307
 Jordan, C. – 251
 Joseph, T. – 150
 Joshi, B. C. – 309, 348, 350, 364

 Kalapotharakos, C. – 120
 Karastergiou, A. – 58, 100, 171, 275, 291, 317, 372, 400, 414
 Karuppusamy, R. – 171, 330, 370
 Kaspi, V. M. – 3, 388
 Keane, E. F. – 142, 158, 322
 Keith, M. J. – 171, 370, 422
 Kerr, M. – 43
 Kijak, J. – 96, 352, 356

 Kirsten, F. – 311
 Kisaka, S. – 334, 354
 Kondratiev, V. I. – 33, 358, 412
 Kramer, M. – 128, 171, 233, 247, 251, 291, 330, 370, 422
 Krankowski, A. – 356
 Krasteva, M. – 388
 Krishnakumar, M. A. – 364
 Kuiper, L. – 62

 Laurent, P. – 384
 Lazarus, P. – 386
 Lazio, T. J. W. – 150, 263
 Lee, T.-G. – 428
 Levin, L. – 171
 Lewandowski, W. – 96, 352, 356
 Li, A. – 360
 Liu, J.-J. – 390
 Liu, X.-J. – 362
 Lorimer, D. R. – 138, 233, 251, 342, 398, 414
 Loru, S. – 394
 Lynch, R. S. – 13, 138, 342
 Lyne, A. G. – 33, 58, 233, 247, 251
 Lyon, R. J. – 25, 171

 Maan, Y. – 366
 Mackintosh, M. – 171
 MacMahon, D. – 414
 Mahajan, N. – 368
 Main, R. – 83
 Majid, W. A. – 263
 Malenta, M. – 330, 370, 422
 Manchester, R. N. – 197, 233, 251
 Manoharan, P. K. – 364
 Marganian, P. – 398
 Maruyama, T. – 428
 McFadden, R. – 372
 McKee, J. W. – 374
 McLaughlin, M. A. – 43, 414
 McSweeney, S. J. – 376
 Melatos, A. – 233
 Melis, A. – 392
 Mereghetti, S. – 62
 Meyers, B. W. – 378
 Michilli, D. – 291
 Mickaliger, M. B. – 171, 380, 422
 Mitra, D. – 62
 Morello, V. – 406

 Naidu, A. – 348
 Ng, C. – 179
 Nieder, L. – 382
 Noori, H. A. – 43

 O'Connor, E. G. P. – 191, 384
 Octau, F. – 386

- Ootes, L. S. – 229
 Osłowski, S. – 62, 291
- Page, D. – 229
 Pan, Z. – 251
 Parent, E. – 388
 Parikh, A. S. – 229
 Park, R. S. – 150
 Parthasarathy, A. – 322
 Patel, C. – 388
 Pearson, M. – 171
 Pellizzoni, A. – 392, 394
 Peng, Q.-H. – 390
 Perera, B. B. P. – 247
 Perrodin, D. – 392
 Pilia, M. – 291, 392, 394
 Pingel, N. M. – 398
 Pires, A. M. – 112
 Pisano, D. J. – 398
 Pletsch, H. J. – 21, 382
 Pleunis, Z. – 33
 Polzin, E. J. – 396
 Possenti, A. – 62, 295, 319, 392
 Prabu, T. – 171
 Prestage, R. M. – 398
 Prix, R. – 307
- Rajwade, K. M. – 398, 406, 414
 Ramesh Bhat, N. D. – 376, 378, 416
 Rammala, I. – 400
 Rankin, J. M. – 62, 73, 402, 404
 Ransom, S. M. – 33, 43, 138, 263, 342, 388
 Ravi, V. – 322
 Ray, P. S. – 187
 Ray, J. – 398
 Ray, P. S. – 43
 Rea, N. – 104, 315, 319
 Reisenegger, A. – 217
 Reynolds, J. E. – 408
 Rickett, B. – 283
 Ridolfi, A. – 251, 295, 392
 Rigoselli, M. – 62
 Roberts, M. S. E. – 43
 Roberts, S. – 372
 Romani, R. W. – 237
 Rosado, P. A. – 142, 322
 Roshi, D. A. – 398
 Roy, J. – 171, 183, 422
 Rożko, K. – 96, 352, 356
 Ruzindana, M. – 398
- Sanidas, S. – 33, 291, 406
 Sarkissian, J. M. – 251, 319, 408
 Scragg, T. W. – 410, 422
 Serylak, M. – 62, 291, 313, 338
 Shannon, R. M. – 378
- Shaw, B. – 58, 291
 Shearer, A. – 191, 384
 Shillue, W. – 398
 Siemion, A. – 414
 Sinnen, O. – 171
 Smith, D. – 386
 Smith, J. N. – 410
 Sobey, C. – 299
 Song, X. – 412
 Spitler, L. – 171, 330, 370
 Spreeuw, H. – 171
 Stairs, I. H. – 138, 233, 342
 Stappers, B. W. – 33, 58, 62, 171, 233, 247, 291, 362, 370, 380, 396, 406, 410, 422
 Stinebring, D. R. – 287, 291
 Stovall, K. – 62
 Surnis, M. P. – 414
- Tan, C. M. – 9
 Tanaka, S. J. – 259, 354
 Tatsumi, T. – 428
 Taylor, J. H. – 127
 Taylor, S. R. – 150
 Theureau, G. – 247, 313, 338, 386
 Tiburzi, C. – 279, 295, 392, 416
 Tiengo, A. – 62
 Torne, P. – 92, 251
 Torres, D. F. – 255
 Torres, R. A. – 43
 Tremblay, S. E. – 311, 376, 378, 416
 Trois, A. – 392, 394
 Tung, A. – 233
 Turolla, R. – 62
- Vallisneri, M. – 150
 van den Berg, M. – 251
 van Kerkwijk, M. H. – 83, 368
 van Leeuwen, J. – 233
 van Nieuwpoort, R. – 171
 van Straten, W. – 142, 171, 295, 322
 Venkataraman, A. – 251
 Venkatraman Krishnan, V. – 142, 322
 Venter, C. – 120, 420
 Verbiest, J. P. W. – 279, 291
 Verbunt, F. – 344
 Vidal, C. – 418
- Wadiasingh, Z. – 108, 420
 Walker, C. R. H. – 422
 Wang, H. – 171
 Wang, R. – 360
 Warnick, K. – 398
 Watts, A. L. – 209, 324, 336
 Weltevrede, P. – 58, 79, 88, 291, 424, 426
 Werthimer, D. – 414

- Wex, N. – 251
Wharton, R. S. – 263
Wieching, G. – 330, 370
Wiesner, K. – 171
Wijnands, R. – 229
Wijngaarden, M. J. P. – 229
Williams, C. – 171
Wright, G. A. E. – 62, 348, 426
Wu, J. – 21
Wucknitz, O. – 330
- Xin, P. – 414
Xue, M. – 416
- Yamada, S. – 430
Yasutake, N. – 428
Yatabe, A. – 334, 430
- Zanin, R. – 241
Zhou, X. – 432

IAU Symposium No. 337

4–8 September 2017

Jodrell Bank Observatory,
United Kingdom

Pulsar Astrophysics: The Next 50 Years

Ever since their discovery in 1967, pulsars and neutron stars have provided an unprecedented opportunity to study the extremes of physics. This started with the very rapid identification of pulsars as rotating neutron stars with extremely strong magnetic fields and, selecting just a few highlights from the following decades, was followed by the discovery of the Hulse–Taylor binary, millisecond pulsars, the first pulsars in globular clusters, the pulsar planets and the double pulsar. In the last decade alone we have made some amazing discoveries and observations with an impact across all areas of astronomy. With these proceedings of IAU Symposium 337 the 50th anniversary of the discovery of pulsars is celebrated by reflecting on what we have learned from these remarkable physical laboratories and by casting our eyes forward to the exciting opportunities they will provide for physical and astrophysical studies in the coming decades.

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 978-1-107-19253-9



9 781107 192539