

Author Index

- Abdalla, F. B. – 72, 326
Acquaviva, V. – 365
Aiola, S. – 54
Akeret, J. – 206
Alonso, D. – 165
Amara, A. – 206
Amendola, L. – 19, 347, 375
Amiaux, J. – 379, 375
Andernach, H. – 362
Arnalte-Mur, P. – 247
Asadourian, V. – 319
Ata, M. – 258
Avelino, P. P. – 391
- Büttner, M. – 64
Bacon, D. – 182
Baghi, Q. – 382
Banerjee, A. – 343
Basilakos, S. – 255
Bassett, B. – 185
Bassett, B. A. – 288
Beck, R. – 301
Ben-David, A. – 150
Bergé, J. – 382
Bernui, A. – 147
Bianchini, F. – 202
Bobin, J. – 60
Borgani, S. – 113
Brescia, M. – 307
Bridle, S. – 192
Bufano, F. – 333
Bull, P. – 165
Bunn, E. F. – 156
Burden, A. – 266
Burgett, W. – 269
Burigana, C. – 375, 379
Busti, V. C. – 25
- Camera, S. – 110, 165
Cameron, E. – 9
Cardone, V. – 375
Carron, J. – 235
Carvalho, C. S. – 375, 379
Castañ, S. W. 162
Castañeda, L. – 159
Cavuoti, S. – 307
Cenarro, J. – 359
Chen, X. – 292
Chen, X.-L. – 22
Clarkson, C. – 25
- Cole, S. – 269
Cristóbal-Hornillos, D. – 359
Cropper, M. – 375
Csabai, I. – 301
Cui, C. – 292
Cuillandre, J. C. – 375, 379
- da Silva, A. – 375, 379
de Souza, R. S. – 326
Delaigle, A. – 28
Derosa, A. – 375, 379
Dinis, J. – 375, 379
Dobos, L. – 301
Dolag, K. – 113
Donzelli, S. – 48
Dorn, S. – 51
Douspis, M. – 162
Draper, P. W. – 269
du Buisson, L. – 288
Du, B. – 340
Durastanti, C. – 75
- Ealet, A. – 375
Ederoclite, A. – 359
Enßlin, T. A. – 16, 51
Eriksen, M. B. – 213
- Fabjan, D. – 113
Fabre, O. – 139
Fantaye, Y. T. – 135, 75
Farrow, D. J. – 269
Feroz, F. – 279, 322
Ferreira, P. G. – 165
Finelli, F. – 153
Franzetti, P. – 375, 379
Freeman, P. – 68
Frei, Z. – 269
- Galbany, L. – 330
Gao, Y. – 57
García-Bellido, J. – 153
Garilli, B. – 375, 379
Gawiser, E. – 365
Gaztañaga, E. – 213
Genovese, C. – 68
Gomez-Alvarez, P. – 379
González-Gaitán, S. – 333
Graff, P. – 279

- Granato, G. – 113
Granett, B. R. – 269, 369
Gritsevich, M. – 394
Gruel, N. – 359
Guarnizo, A. – 347
Gupta, K. D. – 319
Guzzo, L. – 375
- Hansen, F. K. – 75
He, B. – 292
Heneka, C. – 19
Hilbe, J. M. – 400
Hobson, M. – 279
Hobson, M. P. – 322
Hoekstra, H. – 375
Hofmann, S. – 51
Hortúa, H. J. – 159
Host, O. – 192
Howlett, M. – 266
Hu, J.-Y. – 22
Huo, Z.-X. – 355
- Ishida, E. E. O. – 326
Islas-Islas, J. M. – 362
- Jaffe, A. H. – 407
Jahnke, K. – 375
Joachimi, B. – 13, 99
- Kaiser, N. – 269
Karakci, A. – 156
Karpenka, N. V. – 322
Kilbinger, M. – 107
Killedar, M. – 113
Kirk, D. – 192
Kitaura, F.-S. – 258
Kitching, T. – 375
Kosowsky, A. – 54
Kovács, A. – 153, 269
Kovetz, E. D. – 150
Kunz, M. – 185, 347
Kunze, K. E. – 51
Kurinsky, N. – 295
- Lacasa, F. – 216
Langer, M. – 162
Lanusse, F. – 60, 104, 192
Lapi, A. – 202
Lasenby, A. – 279
Leclercq, F. – 1
Lei, G. – 292
Lei, Y.-J. – 397
- Leistedt, B. – 64, 243
Leite, A. C. O. – 385
Leonard, A. – 72, 104
Leung, A. S. – 365
Li, Y.-M. – 355
Liivamägi, L. J. – 310
Lin, C.-A. – 107
Lin, G. – 313
Liu, C. – 22
Lochner, M. – 185
Longo, G. – 307
Loveday, J. – 40
Luo, A. – 340
- Müller, V. – 258
Machado, D. P. – 72
Maciaszek, T. – 375
Macri, L. – 319
Magnier, E. A. – 269
Maino, D. – 48
Maiorano, E. – 375, 379
Makler, M. – 262
Manera, M. – 266
Mangilli, A. – 131
Marinucci, D. – 48, 75, 135
Maris, M. – 375, 379
Marra, V. – 19
Martin, M. R. – 365
Martins, C. J. A. P. – 385
Massey, R. – 375
Matarrese, S. – 116
McEwen, J. D. – 64
Mellier, Y. – 375
Meneghetti, M. – 113, 375, 379
Mesinger, A. – 189
Metcalfe, N. – 269
Miller, L. – 375
Mimoso, J. P. – 388
Moitinho, A. – 298
Moles, M. – 359
Morgan, J. S. – 269
Mortlock, D. J. – 5
Muniesa, D. – 359
Murray, S. G. – 304
- Natarajan, I. – 185
Newman, J. – 68
Neyrinck, M. C. – 251
Niemi, S. – 375
Norberg, P. – 247
- Oliveira, D. – 379
Oozeer, N. – 185
Oppermann, N. – 16

- Ortega-Minakata, R. A. – 362
 Ozogany, K. – 351
- Paci, F. – 153
 Pal, A. K. – 343
 Paranjape, A. – 206
 Pasian, F. – 375
 Pavón, D. – 388
 Paykari, P. – 60
 Pedrosa, P. O. J. – 385
 Peiris, H. V. – 13, 64, 124, 243
 Pelgrims, V. – 276
 Penna-Lima, M. – 219, 262
 Percival, W. – 375
 Percival, W. J. – 266
 Perren, G. I. – 298
 Pesenson, I. Z. – 75
 Piatti, A. E. – 298
 Pignata, G. – 337
 Pires, S. – 382
 Planelles, S. – 113
 Plionis, M. – 255
 Posada, A. – 19
 Pouri, A. – 255
 Power, C. – 304
 Price, P. – 269
 Pritchard, J. R. – 189
 Prunet, S. – 139
- Rácz, Z. – 351
 Ragone-Figueroa, C. – 113
 Ramió, H. V. – 359
 Ramirez, E. – 51
 Rassat, A. – 192
 Rebouças, M. J. – 147
 Refregier, A. – 206
 Regős, E. – 351
 Robotham, A. S. G. – 304
 Ross, A. – 266
 Roth, N. – 243
 Rubart, M. – 182
- Sadeh, I. – 316
 Sajina, A. – 295
 Samushia, L. – 266
 Santos, M. G. – 165
 Sauvage, M. – 375
 Scaramella, R. – 375, 379
 Schrabbach, T. – 375
 Schuhmann, R. L. – 13
 Schwarz, D. J. – 182
 Scott, D. – 177
 Seehars, S. – 206
 Seikel, M. – 25
- Semboloni, E. – 375
 Serra, P. – 144
 Silk, J. – 269
 Sivanandam, N. – 288
 Smirnov, O. – 185
 Smith, M. – 288
 Sobacchi, E. – 189
 Sousa, L. – 391
 Starck, J.-L. – 60, 72, 104
 Stoica, R. S. – 239
 Sureau, F. – 60
 Sutter, P. M. – 156
 Szalay, A. – 351
 Szapudi, I. – 153, 235, 269
- Taghizadeh, M. – 351
 Takada, M. – 78
 Taylor, A. – 99, 375
 Tempel, E. – 45
 Tereno, I. – 375, 379
 Tian, H. – 292
 Tian, H.-J. – 22, 372
 Timbie, P. T. – 156
 Tojeiro, R. – 266
 Tonry, J. – 269
 Torres-Papaqui, J. P. – 362
 Troja, A. – 48
 Tu, Y. – 292
 Tucker, G. S. – 156
 Turchak, L. – 394
- Uzan, J.-P. – 139
- Vázquez, R. A. – 298
 Vandergheynst, P. – 64
 Varela, J. – 359
 Vargas-Magaña, C. – 266
 Verde, L. – 223
 Vernstrom, T. – 177
 Vespe, M. – 90
 Viana, P. T. P. – 273
 Vilalta, R. – 319
 Vinci, G. – 68
 Vinnikov, V. – 394
 Viola, M. – 94, 375
 Vitagliano, V. – 210
 Vitenti, S. D. P. – 219
 Vollmer, A. – 347
- Wachter, S. – 375, 379
 Wainscoat, R. – 269
 Wall, J. – 177
 Wandelt, B. – 1

- Wandelt, B. D. – 156
Wang, B. – 54
Wasserman, L. – 68
Watkinson, C. A. – 189
Wiaux, Y. – 64
Wu, X.-B. – 372
Wu, Y. – 340
Wuensche, C. A. – 262
Xu, Y. – 22, 292
- Yuan, H. – 340
Zhang, J. – 355
Zhang, L. – 156
Zhang, Y. – 292
Zhang, Y.-X. – 372
Zhao, Y. – 292, 340
Zhao, Y.-H. – 372
Zhou, J. – 57
Zhou, J.-F. – 355
Zwart, J. – 185

IAU Symposium No.306

25-29 May 2014
Lisbon, Portugal

Statistical Challenges in 21st Century Cosmology

The advent of advanced astronomical instruments and huge surveys means that the 21st century is witnessing a rapid growth in astrostatistical science. Interpreting the cosmic microwave background, weak and strong gravitational lensing, galaxy clustering and other signatures of the early Universe all require advanced statistical techniques. Led by members of the IAU's newly-formed Working Group in Astrostatistics and Astroinformatics, IAU Symposium 306 emphasises the intricate mathematical methods needed to extract scientific insights from large and complicated datasets. It contains contributions on Bayesian methods, weak lensing cosmology, CMB data analysis, cross-correlating datasets, large-scale structure, data mining and machine-learning, ongoing surveys and the future Euclid mission. The approaches presented here provide a solid foundation to advance new research methods in cosmology, making it an essential text for the large community of astronomers and statisticians who will analyse and interpret the vast and growing amount of observational data.

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® C007785

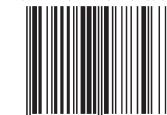
Proceedings of the International Astronomical Union

Cambridge Journals Online

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

CAMBRIDGE
UNIVERSITY PRESS

ISBN 978-1-107-07856-7



9 781107 078567 >