

Author Index

- Abe, L. – 218, 226, 243, 275, 300
Agabi, A. – 226, 300
Agabi, K. – 218
Aigrain, S. – 218
Alapini, A. – 218
Andersen, M. – 275
Anderson, P. – 275
Ansoorge, W. – 243
Argentini, S. – 243
Aristidi, E. – 300
Arnold, L. – 214
Asada, K. – 204
Ashley, M. C. B. – 6, 15, 25, 34, 38,
231, 256, 302, 304, 320
Augarten, Y. – 256
- Barbieri, M. – 218, 226
Bayliss, D. – 226
Benson, B. – 76
Bischoff, C. – 61
Blazit, A. – 226
Bondoux, E. – 226, 300
Bonhomme, S. – 226
Bonner, C. S. – 25, 256
Bouchez, G. – 300
Briot, D. – 214
Bryson, I. – 243
Burton, M. G. – 256, 275, ix, xvi
Bycroft, L. – 256
- Carbillet, M. – 243
Chadid, M. – 316
Challinor, A. – 42
Challita, Z. – 226, 300
Chen, C.-P. – 204
Chen, H. – 296, 309
Chen, M.-T. – 204
Chernous, S. – 311
Crouzet, N. – 218, 226
Cui, W. – 306
Cui, X. – 34, 38, 231, 271, 275, 302,
320, ix, xvi
- Daban, J.-B. – 218, 226
Dalton, G. – 243
David, C. – 243
de Bernardis, P. – 208
Deng, L. – 318
Dickey, J. M. – 135
Durand, G. Al. – 29
- Epchtein, N. – 243
Erikson, A. – 218
Esau, I. – 243
Everett, J. R. – 302
- Fantei-Caujolle, Y. – 218, 226
Feng, L. – 34, 38, 231, 302, 320
Fossat, E. – 300
Frenot, Y. – 178
Fressin, F. – 218, 226
Fu, J. – 34
Furth, T. – 218
- Gaisser, T. K. – 105
Genthon, C. – 243
Goncalves, I. – 218, 226
Gong, X. – 34, 38, 231, 271, 302, 320
Gouvret, C. – 218, 226
Gu, B. – 271
Guan, X. – 331
Guillot, T. – 218, 226
- Halzen, F. – 84
Hengst, S. – 302
Hoffman, K. D. – 115
Hu, J. – 231
Hu, Z. – 34, 38, 302
- Ichikawa, T. – 25, 251, 275
Imae, N. – 123
Inoue, M. – 200, 204
Ishii, S. – 251
Ivanov, Y. – 311
- Jacquemoud, S. – 214
Jeanneaux, F. – 300
Jiang, X. – 318
Jiang, Z. – 231
Jin, R. – 322
Jin, S. – 322
Jones, W. C. – 53
Jones, W. V. – 169
- Karle, A. – 98, 275
Kulesa, C. A. – 231, 256, 304
Kuo, C.-L. – 80
- Langlois, M. – 243
Lawrence, J. S. – 6, 34, 38, 231, 256,
302, 304, 320
Le Bertre, T. – 243

- Le Roux, B. – 243
 Lemrani, R. – 243
 Lesser, D. H. – 256
 Li, G. – 306
 Li, X. – 271, 329
 Li, Y. – 318
 Li, Z. – 296
 Liu, G. – 231
 Liu, L.-Y. – 316
 Liu, Q. – 320
 Lloyd, J. – 275
 Loomis, J. – 256
 Luo, Z. – 318
 Luong-Van, D. M. – 34, 38, 231, 256,
 302, 320
 López, E. – 298

 Ma, J. – 231
 Macri, L. M. – 231, 320
 Marchiori, G. – 243
 Martin, C. L. – 186, 256
 Masi, S. – 208, 275
 Martin-Cocher, P. – 204
 Matsushita, S. – 204
 McLaren, C. – 256
 Mékarnia, D. – 178, 218, 226, 243, 300
 Meng, Z. – 231
 Minier, V. – 29
 Miyamoto, Y. – 251
 Montnacher, J. – 243
 Moore, A. M. – 34, 231, 302
 Moretto, G. – 243
 Motoyama, H. – 251
 Mould, J. – 239

 Nagai, M. – 251
 Nakai, N. – 251

 Okada, Y. – 331
 Okita, H. – 25

 Paine, S. – 204
 Pasachoff, J. M. – 313
 Pascale, E. – 154
 Pei, C. – 296, 309
 Pennypacker, C. R. – 320
 Petermann, D. – 300
 Pont, F. – 218
 Pouzenc, C. – 226, 300
 Prugniel, P. – 243
 Pryke, C. – 68

 Qin, W. – 231

 Rauer, H. – 218
 Riddle, R. – 34, 302

 Rivet, J.-P. – 218, 226, 243
 Ruch, E. – 243

 Saunders, W. – 304
 Schmider, F.-X. – 218, 226
 Schneider, N. – 29
 Seta, M. – 251
 Shang, Z. – 34, 38, 231, 302, 320
 Shiraishi, K. – 161
 Sigernes, F. – 311
 Sims, G. – 34, 38, 302, 304
 Stapleton, S. – 256
 Stark, A. A. – 146
 Steinbring, E. – 194, 204, 275
 Storey, J. W. V. – 1, 6, 25, 34, 38, 231,
 256, 275, 302, 304, 320
 Stutzki, J. – 331
 Su, D.-Q. – 271
 Sun, B. – 231
 Swift, B. J. – 256
 Syniavskiy, I. – 311
 Szulágyi, J. – 218, 226

 Takato, N. – 25, 251
 Tao, C. – 243
 Tilquin, A. – 243
 Tothill, N. F. H. – 34, 38, 186, 256, 302,
 xvi
 Travouillon, T. – 34, 231, 275, 302
 Tremblin, P. – 29
 Turner, D. – 204
 Tuthill, P. – 271, 275

 Urban, J. – 29

 Valbousquet, F. – 226
 Váscónez, C. – 298
 Vásquez, N. – 298
 Vauglin, I. – 243
 Vernin, J. – 316

 Walker, C. K. – 231, 256
 Wang, D. – 329
 Wang, G. – 318
 Wang, H.-S. – 316
 Wang, J. – 231
 Wang, K. – 318
 Wang, L. – 34, 38, 231, 271, 302, 320
 Wang, R. – 326
 Wang, S. – 231
 Wang, Y.-P. – 316
 Wolfire, M. G. – 139
 Wu, J. – 231
 Wu, X.-B. – 333
 Wu, Z. – 231

 Xia, L. – 231

- Xin, B. – 306
Xin, Y. – 318
- Yamaguchi, A. – 130
Yan, J. – 231
Yan, Z. – 318
Yang, H. – 34, 38, 231, 302, 320
Yang, J. – 34, 38, 231, 302, 320
Yang, Y. – 34
Yao, Y. – 231
Yao, Y.-Q. – 316
York, D. G. – 231, 320
Young, A. G. – 256
Yuan, X. – 231, 271, 296, 309, 320
- Zhang, H. – 231
Zhang, X. – 318
Zhang, Y. – 333
Zhang, Z. – 231
Zhao, Y. – 333
Zheng, H. – 333
Zhou, G. – 226
Zhou, H. – 275
Zhou, J. – 231, 318
Zhou, X. – 34, 38, 231, 302, 320
Zhu, Y. – 271
Zhu, Z. – 34, 38, 231, 302, 320
Ziad, A. – 300
Zou, H. – 231

IAU Symposium No. 288

20–24 August 2012

Beijing, China

Astrophysics from Antarctica

The remarkable environment of Antarctica offers many advantages for astronomical observations. Over the past two decades this field of scientific endeavour has developed dramatically and Antarctic-based observatories now regularly contribute to front line astrophysical research. This volume presents the Proceedings from the first ever International Astronomical Union Symposium to be held on the subject. After describing our knowledge of the special environment for Antarctic astronomy, it covers the following principal science areas: measuring the cosmic microwave background radiation; neutrino detection; cosmogenic signatures from the ice and atmosphere; submillimetre and terahertz astronomy; and optical and infrared astronomy. Each topic begins with reviews covering the field and the science being undertaken in it, followed by descriptions of the experiments, the telescopes and the results obtained. Another special feature surveys Antarctic stations and the astronomical facilities they contain. The volume concludes by considering the future for astronomical research in Antarctica.

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 978-1-107-03377-1



9 781107 033771 >