

AUTHOR INDEX

- Achterberg, A.** Evolution of Magnetic Fields in Supernova Remnants. *K. M. Schure, J. Vink, A. Achterberg, & R. Keppens*, CD350
- Alexander, P.** Simulations and analysis of the polarised radio sky. *J. Geisbuesch & P. Alexander*, CD312
- Alexander, P.** The evolution of cluster magnetic fields probed by the SKA. *M. Huarte-Espinosa, P. Alexander, R. Bolton, J. Geisbuesch, & M. Krause*, CD231
- Aumont, J.** Primordial Magnetic Fields with the WMAP and Planck Satellite Experiments. *J. Aumont & J. F. Macías-Pérez*, CD236
- Ayala, A.** Effects of primordial magnetic fields on the electroweak baryogenesis process. *G. Piccinelli, A. Ayala, & A. Sánchez*, CD297
- Basu, S.** Molecular cloud fragmentation driven by gravity, ambipolar diffusion, and nonlinear flows: three-dimensional simulations. *T. Kudoh & S. Basu*, CD278
- Berdyugina, S. V.** Spot evolution and active longitudes on FK Com: more than a decade of detailed surface mapping. *H. Korhonen, S. V. Berdyugina, I. V. Ilyin, K. G. Strassmeier, & T. Hackman*, CD323
- Bolton, R.** The evolution of cluster magnetic fields probed by the SKA. *M. Huarte-Espinosa, P. Alexander, R. Bolton, J. Geisbuesch, & M. Krause*, CD231
- Bonafede, A.** The Coma cluster magnetic field from Faraday Rotation Measures. *A. Bonafede, L. Feretti, F. Govoni, M. Murgia, G. Giovannini, K. Dolag, & G. B. Taylor*, CD303
- Briquet, M.** The evolution of magnetic fields in early B-type stars. *S. Hubrig, M. Briquet, M. Schöller, P. De Cat, & T. Morel*, CD319
- Burderi, L.** Magnetic-driven Orbital Evolution of an Accreting Millisecond Pulsar: Witnessing the Banquet of a Hidden Black Widow. *L. Burderi, T. Di Salvo, A. Riggio, A. Papitto, & M. T. Menna*, CD291
- Cameron, R. A.** The intra-cluster magnetic field power spectrum in Abell 2382. *M. Murgia, D. Guidetti, F. Govoni, P. Parma, L. Gregorini, H. de Ruiter, R. A. Cameron, & R. Fanti*, CD342
- de Gouveia Dal Pino, E. M.** Flux transport solar dynamo models, current problems and possible solutions. *G. Guerrero & E. M. de Gouveia Dal Pino*, CD252
- de Gouveia Dal Pino, E. M.** Magnetic reconnection process in accretion disk systems. *P. Piovezan & E. M. de Gouveia Dal Pino*, CD345
- de Gouveia Dal Pino, E. M.** Star formation triggered by SNR impact into magnetized neutral clouds. *M. R. M. Leão, E. M. de Gouveia Dal Pino, D. Falceta-Gonçalves, C. Melioli, & F. G. Geraissate*, CD328
- de Ruiter, H.** The intra-cluster magnetic field power spectrum in Abell 2382. *M. Murgia, D. Guidetti, F. Govoni, P. Parma, L. Gregorini, H. de Ruiter, R. A. Cameron, & R. Fanti*, CD342
- De Cat, P.** The evolution of magnetic fields in early B-type stars. *S. Hubrig, M. Briquet, M. Schöller, P. De Cat, & T. Morel*, CD319
- Di Salvo, T.** Magnetic-driven Orbital Evolution of an Accreting Millisecond Pulsar: Witnessing the Banquet of a Hidden Black Widow. *L. Burderi, T. Di Salvo, A. Riggio, A. Papitto, & M. T. Menna*, CD291
- Dolag, K.** Test of an MHD code for cosmological applications. *F. Stasyszyn & K. Dolag*, CD358
- Dolag, K.** The Coma cluster magnetic field from Faraday Rotation Measures. *A. Bonafede, L. Feretti, F. Govoni, M. Murgia, G. Giovannini, K. Dolag, & G. B. Taylor*, CD303
- Dolag, K.** The intra-cluster magnetic field in Abell 401. *F. Govoni, K. Dolag, M. Murgia, L. Feretti, & S. Schindler*, CD308
- Falceta-Gonçalves, D.** Star formation triggered by SNR impact into magnetized neutral clouds. *M. R. M. Leão, E. M. de Gouveia Dal Pino, D. Falceta-Gonçalves, C. Melioli, & F. G. Geraissate*, CD328
- Falle, S. A. E. G.** Ambipolar resistivity and the formation of dense cores. *S. Van Loo, S. A. E. G. Falle, & T. W. Hartquist*, CD364
- Fanti, R.** The intra-cluster magnetic field power spectrum in Abell 2382. *M. Murgia, D. Guidetti, F. Govoni, P. Parma, L. Gregorini, H. de Ruiter, R. A. Cameron, & R. Fanti*, CD342
- Fender, R. P.** Polarimetric signatures of infrared jets in X-ray binaries. *T. Shahbaz, R. P. Fender, C. A. Watson, & K. O'Brien*, CD355
- Feretti, L.** The Coma cluster magnetic field from Faraday Rotation Measures. *A. Bonafede, L. Feretti, F. Govoni, M. Murgia, G. Giovannini, K. Dolag, & G. B. Taylor*, CD303

- Feretti, L.** The intra-cluster magnetic field in Abell 401. *F. Govoni, K. Dolag, M. Murgia, L. Feretti, & S. Schindler*, CD308
- Geisbuesch, J.** Simulations and analysis of the polarised radio sky. *J. Geisbuesch & P. Alexander*, CD312
- Geisbuesch, J.** The evolution of cluster magnetic fields probed by the SKA. *M. Huarte-Espinosa, P. Alexander, R. Bolton, J. Geisbuesch, & M. Krause*, CD231
- Geraissate, F. G.** Star formation triggered by SNR impact into magnetized neutral clouds. *M. R. M. Leão, E. M. de Gouveia Dal Pino, D. Falceta-Gonçalves, C. Melioli, & F. G. Geraissate*, CD328
- Gil, J.** Modeling of the Surface Magnetic Field in Pulsars. *G. Melikidze, J. Gil, & A. Szary*, CD337
- Giovannini, G.** The Coma cluster magnetic field from Faraday Rotation Measures. *A. Bonafede, L. Feretti, F. Govoni, M. Murgia, G. Giovannini, K. Dolag, & G. B. Taylor*, CD303
- Govoni, F.** The Coma cluster magnetic field from Faraday Rotation Measures. *A. Bonafede, L. Feretti, F. Govoni, M. Murgia, G. Giovannini, K. Dolag, & G. B. Taylor*, CD303
- Govoni, F.** The intra-cluster magnetic field in Abell 401. *F. Govoni, K. Dolag, M. Murgia, L. Feretti, & S. Schindler*, CD308
- Govoni, F.** The intra-cluster magnetic field power spectrum in Abell 2382. *M. Murgia, D. Guidetti, F. Govoni, P. Parma, L. Gregorini, H. de Ruiter, R. A. Cameron, & R. Fanti*, CD342
- Gregorini, L.** The intra-cluster magnetic field power spectrum in Abell 2382. *M. Murgia, D. Guidetti, F. Govoni, P. Parma, L. Gregorini, H. de Ruiter, R. A. Cameron, & R. Fanti*, CD342
- Guerrero, G.** Flux transport solar dynamo models, current problems and possible solutions. *G. Guerrero & E. M. de Gouveia Dal Pino*, CD252
- Guidetti, D.** The intra-cluster magnetic field power spectrum in Abell 2382. *M. Murgia, D. Guidetti, F. Govoni, P. Parma, L. Gregorini, H. de Ruiter, R. A. Cameron, & R. Fanti*, CD342
- Hackman, T.** Spot evolution and active longitudes on FK Com: more than a decade of detailed surface mapping. *H. Korhonen, S. V. Berdyugina, I. V. Ilyin, K. G. Strassmeier, & T. Hackman*, CD323
- Hanasz, M.** Polarized Emission of Edge-On Galaxies in Comparisson with the Cosmic-Ray Driven Dynamo Model. *K. Otmianowska-Mazur, M. Hanasz, M. Soida, B. Kulesza-Żydzik, & G. Kowal*, CD266
- Hartquist, T. W.** Ambipolar resistivity and the formation of dense cores. *S. Van Loo, S. A. E. G. Falle, & T. W. Hartquist*, CD364
- Huarte-Espinosa M.** The evolution of cluster magnetic fields probed by the SKA. *M. Huarte-Espinosa, P. Alexander, R. Bolton, J. Geisbuesch, & M. Krause*, CD231
- Hubrig, S.** The evolution of magnetic fields in early B-type stars. *S. Hubrig, M. Briquet, M. Schöller, P. De Cat, & T. Morel*, CD319
- Ilyin, I. V.** Spot evolution and active longitudes on FK Com: more than a decade of detailed surface mapping. *H. Korhonen, S. V. Berdyugina, I. V. Ilyin, K. G. Strassmeier, & T. Hackman*, CD323
- Inutsuka, S.** Influence of the Magnetic Field on the Formation of Population III Stars. *M. N. Machida, K. Omukai, T. Matsumoto, & S. Inutsuka*, CD272
- Keppens, R.** Evolution of Magnetic Fields in Supernova Remnants. *K. M. Schure, J. Vink, A. Achterberg, & R. Keppens*, CD350
- Koch, P.** Magnetic Fields and Turbulences in Clusters of Galaxies. *P. Koch*, CD262
- Korhonen, H.** Spot evolution and active longitudes on FK Com: more than a decade of detailed surface mapping. *H. Korhonen, S. V. Berdyugina, I. V. Ilyin, K. G. Strassmeier, & T. Hackman*, CD323
- Kowal, G.** Polarized Emission of Edge-On Galaxies in Comparisson with the Cosmic-Ray Driven Dynamo Model. *K. Otmianowska-Mazur, M. Hanasz, M. Soida, B. Kulesza-Żydzik, & G. Kowal*, CD266
- Krause, M.** The evolution of cluster magnetic fields probed by the SKA. *M. Huarte-Espinosa, P. Alexander, R. Bolton, J. Geisbuesch, & M. Krause*, CD231
- Kudoh, T.** Molecular cloud fragmentation driven by gravity, ambipolar diffusion, and nonlinear flows: three-dimensional simulations. *T. Kudoh & S. Basu*, CD278
- Kulesza-Żydzik, B.** Polarized Emission of Edge-On Galaxies in Comparisson with the Cosmic-Ray Driven Dynamo Model. *K. Otmianowska-Mazur, M. Hanasz, M. Soida, B. Kulesza-Żydzik, & G. Kowal*, CD266
- Leão, M. R. M.** Star formation triggered by SNR impact into magnetized neutral clouds. *M. R. M. Leão, E. M. de Gouveia Dal Pino, D. Falceta-Gonçalves, C. Melioli, & F. G. Geraissate*, CD328
- Lemaster, M. N.** Power Spectra and Density Probability Distribution Functions in Supersonic Hydrodynamic and MHD Turbulence. *M. N. Lemaster & J. M. Stone*, CD243
- Machida, M. N.** Influence of the Magnetic Field on the Formation of Population III Stars. *M. N. Machida, K. Omukai, T. Matsumoto, & S. Inutsuka*, CD272

- Macías-Pérez, J. F.** Primordial Magnetic Fields with the WMAP and Planck Satellite Experiments. *J. Aumont & J. F. Macías-Pérez*, CD236
- Matsumoto, T.** Influence of the Magnetic Field on the Formation of Population III Stars. *M. N. Machida, K. Omukai, T. Matsumoto, & S. Inutsuka*, CD272
- Melikidze, G.** Modeling of the Surface Magnetic Field in Pulsars. *G. Melikidze, J. Gil, & A. Szary*, CD337
- Melioli, C.** Star formation triggered by SNR impact into magnetized neutral clouds. *M. R. M. Leão, E. M. de Gouveia Dal Pino, D. Falceta-Gonçalves, C. Melioli, & F. G. Geraissate*, CD328
- Menna, M. T.** Magnetic-driven Orbital Evolution of an Accreting Millisecond Pulsar: Witnessing the Banquet of a Hidden Black Widow. *L. Burderi, T. Di Salvo, A. Riggio, A. Papitto, & M. T. Menna*, CD291
- Morel, T.** The evolution of magnetic fields in early B-type stars. *S. Hubrig, M. Briquet, M. Schöller, P. De Cat, & T. Morel*, CD319
- Murgia, M.** The Coma cluster magnetic field from Faraday Rotation Measures. *A. Bonafede, L. Feretti, F. Govoni, M. Murgia, G. Giovannini, K. Dolag, & G. B. Taylor*, CD303
- Murgia, M.** The intra-cluster magnetic field in Abell 401. *F. Govoni, K. Dolag, M. Murgia, L. Feretti, & S. Schindler*, CD308
- Murgia, M.** The intra-cluster magnetic field power spectrum in Abell 2382. *M. Murgia, D. Guidetti, F. Govoni, P. Parma, L. Gregorini, H. de Ruiter, R. A. Cameron, & R. Fanti*, CD342
- O'Brien, K.** Polarimetric signatures of infrared jets in X-ray binaries. *T. Shahbaz, R. P. Fender, C. A. Watson, & K. O'Brien*, CD355
- Omukai, K.** Influence of the Magnetic Field on the Formation of Population III Stars. *M. N. Machida, K. Omukai, T. Matsumoto, & S. Inutsuka*, CD272
- Otmianowska-Mazur, K.** Polarized Emission of Edge-On Galaxies in Comparisson with the Cosmic-Ray Driven Dynamo Model. *K. Otmianowska-Mazur, M. Hanasz, M. Soida, B. Kulesza-Żydzik, & G. Kowal*, CD266
- Papitto, A.** Magnetic-driven Orbital Evolution of an Accreting Millisecond Pulsar: Witnessing the Banquet of a Hidden Black Widow. *L. Burderi, T. Di Salvo, A. Riggio, A. Papitto, & M. T. Menna*, CD291
- Parma, P.** The intra-cluster magnetic field power spectrum in Abell 2382. *M. Murgia, D. Guidetti, F. Govoni, P. Parma, L. Gregorini, H. de Ruiter, R. A. Cameron, & R. Fanti*, CD342
- Piccinelli, G.** Effects of primordial magnetic fields on the electroweak baryogenesis process. *G. Piccinelli, A. Ayala, & A. Sánchez*, CD297
- Piovezan, P.** Magnetic reconnection process in accretion disk systems. *P. Piovezan & E. M. de Gouveia Dal Pino*, CD345
- Riggio, A.** Magnetic-driven Orbital Evolution of an Accreting Millisecond Pulsar: Witnessing the Banquet of a Hidden Black Widow. *L. Burderi, T. Di Salvo, A. Riggio, A. Papitto, & M. T. Menna*, CD291
- Sánchez, A.** Effects of primordial magnetic fields on the electroweak baryogenesis process. *G. Piccinelli, A. Ayala, & A. Sánchez*, CD297
- Schindler, S.** The intra-cluster magnetic field in Abell 401. *F. Govoni, K. Dolag, M. Murgia, L. Feretti, & S. Schindler*, CD308
- Schöller, M.** The evolution of magnetic fields in early B-type stars. *S. Hubrig, M. Briquet, M. Schöller, P. De Cat, & T. Morel*, CD319
- Schure, K. M.** Evolution of Magnetic Fields in Supernova Remnants. *K. M. Schure, J. Vink, A. Achterberg, & R. Keppens*, CD350
- Shahbaz, T.** Polarimetric signatures of infrared jets in X-ray binaries. *T. Shahbaz, R. P. Fender, C. A. Watson, & K. O'Brien*, CD355
- Soida, M.** Polarized Emission of Edge-On Galaxies in Comparisson with the Cosmic-Ray Driven Dynamo Model. *K. Otmianowska-Mazur, M. Hanasz, M. Soida, B. Kulesza-Żydzik, & G. Kowal*, CD266
- Stasyszyn, F.** Test of an MHD code for cosmological applications. *F. Stasyszyn & K. Dolag*, CD358
- Stone, J. M.** Power Spectra and Density Probability Distribution Functions in Supersonic Hydrodynamic and MHD Turbulence. *M. N. Lemaster & J. M. Stone*, CD243
- Strassmeier, K. G.** Spot evolution and active longitudes on FK Com: more than a decade of detailed surface mapping. *H. Korhonen, S. V. Berdyugina, I. V. Ilyin, K. G. Strassmeier, & T. Hackman*, CD323
- Szary, A.** Modeling of the Surface Magnetic Field in Pulsars. *G. Melikidze, J. Gil, & A. Szary*, CD337
- Taylor, G. B.** The Coma cluster magnetic field from Faraday Rotation Measures. *A. Bonafede, L. Feretti, F. Govoni, M. Murgia, G. Giovannini, K. Dolag, & G. B. Taylor*, CD303
- Van Loo, S.** Ambipolar resistivity and the formation of dense cores. *S. Van Loo, S. A. E. G. Falle, & T. W. Hartquist*, CD364
- Vink, J.** Evolution of Magnetic Fields in Supernova Remnants. *K. M. Schure, J. Vink, A. Achterberg, & R. Keppens*, CD350

Watson, C. A. Polarimetric signatures of infrared jets in X-ray binaries. *T. Shahbaz, R. P. Fender, C. A. Watson, & K. O'Brien*, CD355

Zanni, C. Numerical modeling of magnetic star-disk interaction. *C. Zanni*, CD284