

Veröffentlichungen unserer Mitglieder ohne BAV Mitteilungen-Nummern

Andreas Barchfeld

Titel: Follow-up on three poorly studied AM CVn stars

Autoren: Aungwerojwit, A., Gaensicke, B. T., Breedt, E., Arjyotha, S., Hermes, J. J., Hamsch, F.-J., Kumar, A., Ramirez, S. H., Wilson, T. G., Dhillon, V. S., Marsh, T. R., Poshyachinda, S., Scaringi, S., Haislip, J. B., and Reichart, D. E.

URL: <https://ui.adsabs.harvard.edu/abs/2025arXiv250116424A>

arXiv:2501.16424

eprint arXiv:2501.16424

01/2025

Titel: GOTO065054+593624: a peculiar dwarf nova identified in real time via Kilonova Seekers

Autoren: Killestein, T. L., Ramsay, G., Kennedy, M., Kelsey, L., Steeghs, D., Littlefair, S., Godson, B., Lyman, J., Pursiainen, M., Warwick, B., Krawczyk, C., Nuttall, L. K., Wickens, E., Alexandrov, S. D., da Silva, C. E. T., Brincat, S. M., Darlington, G. S., Dubois, F., Hamsch, F.-J., Messier, D., Oksanen, A., Poyner, G., Romanov, F. D., Sharp, I. D., Tordai, T., Vanmunster, T., and Wenzel, K.

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01/2025

Titel: Photometric follow-up of SN2024gy with BHTOM.space global telescope network

Autoren: Wyrzykowski, L., Mikolajczyk, P., Kotysz, K., Zielinski, P., Dubois, F., Reguitti, A., Mozdzierski, D., Wicker, M., Larma, M., Pylypenko, U., Brincat, S. M., Kvernadze, T., Bronikowski, M., Guver, T., Hamed, G., Liakos, A., Killestein, T., Hamsch, F. J., Siwak, M., Carrasco, J. M., Michniewicz, O., Galdies, C., and Pinter, V.

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Transient Name Server AstroNote 2025-31

01/2025

Titel: MASTER OT J030227.28+191754.5: An unprecedentedly energetic dwarf nova outburst

Autoren: Tampo, Y., Kato, T., Isogai, K., Kimura, M., Kojiguchi, N., Nogami, D., Ito, J., Shibata, M., Yamanaka, M., Taguchi, K., Maehara, H., Itoh, H., Matsumoto, K., Nakagawa, M., Nishida, Y., Dvorak, S., Murata, K. L., Lane, D. J., Hamsch, F.-J., Narita, N., Fukui, A., Ikoma, M., Tamura, M., Kawabata, K. S., Nakaoka, T., and Imazawa, R.

URL: <https://ui.adsabs.harvard.edu/abs/2024PASJ...76.1228T>

arXiv:2408.13783

Publications of the Astronomical Society of Japan, Volume 76, Issue 6, pp.1228-1245

12/2024

Titel: A Long-duration Superflare on the K Giant HD 251108

Autoren: Günther, H. M., Pasham, D., Binks, A., Czesla, S., Enoto, T., Fausnaugh, M., Hambach, F.-J., Inoue, S., Maehara, H., Notsu, Y., Robrade, J., Schmitt, J. H. M. M., and Schneider, P. C.

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arXiv:2410.03616

The Astrophysical Journal, Volume 977, Issue 1, id.6, 14 pp.
12/2024

Titel: A new sample of super-slowly rotating Ap (ssrAp) stars from the Zwicky Transient Facility survey

Autoren: Hümmerich, S., Bernhard, K., and Paunzen, E.

URL: <https://ui.adsabs.harvard.edu/abs/2024A&A...692A.231H>
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Astronomy & Astrophysics, Volume 692, id.A231, 10 pp.
12/2024

Titel: GAIA DR3 2059297390930630400: An eccentric binary with considerable apsidal motion

Autoren: Begari, T., Bernhard, K., and Paunzen, E.

URL: <https://ui.adsabs.harvard.edu/abs/2024OEJV...257....1B>

Open European Journal on Variable stars, Vol. 257, p. 1-5.
11/2024

Titel: Identifying Ae/Be stars in Gaia low-resolution BP/RP spectra

Autoren: Paunzen, E., Prišegen, M., Hümmerich, S., Bernhard, K., and Kueß, L.

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11/2024

Titel: VizieR Online Data Catalog: Optical spectra of Mira variables (Uttenthaler+, 2024)

Autoren: Uttenthaler, S., Shetye, S., Nanni, A., Aringer, B., Eriksson, K., McDonald, I., Gobrecht, D., Hoefner, S., Wolter, U., Cristallo, S., and Bernhard, K.

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VizieR On-line Data Catalog: J/A+A/690/A393. Originally published in:
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Titel: The impact of third dredge-up on the mass loss of Mira variables

Autoren: Uttenthaler, S., Shetye, S., Nanni, A., Aringer, B., Eriksson, K., McDonald, I., Gobrecht, D., Höfner, S., Wolter, U., Cristallo, S., and Bernhard, K.

URL: <https://ui.adsabs.harvard.edu/abs/2024A&A...690A.393U>

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Astronomy & Astrophysics, Volume 690, id.A393, 16 pp.
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Titel: VizieR Online Data Catalog: U Sco 2022 eruption light curves (Muraoka+, 2024)
Autoren: Muraoka, K., Kojiguchi, N., Ito, J., Nogami, D., Kato, T., Tampo, Y., Taguchi, K., Isogai, K., Arranz, T., Blackwell, J., Blane, D., Brincat, S. M., Coates, G., Cooney, W., Dvorak, S., Galdies, C., Glomski, D., Hamsch, F.-J., Harris, B., Hodge, J., Hernandez-Verdejo, J. L., Iozzi, M., Itoh, H., Kiyota, S., Lee, D., Larsson, M., Lahtinen, T., Myers, G.,
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Titel: Gaia22dkvLb: A Microlensing Planet Potentially Accessible to Radial-velocity Characterization
Autoren: Wu, Z., Dong, S., Yi, T., Liu, Z., El-Badry, K., Gould, A., Wyrzykowski, L., Rybicki, K. A., Bachelet, E., Christie, G. W., de Almeida, L., Monard, L. A. G., McCormick, J., Natusch, T., Zieliński, P., Chen, H., Huang, Y., Liu, C., Mérand, A., Mróz, P., Shangguan, J., Udalski, A., Woillez, J., Zhang, H., Hamsch, F.-J., ... and Słowikowska, A.
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The Astronomical Journal, Volume 168, Issue 2, id.62, 17 pp.
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Titel: ZTF J185259.31+124955.2: A new evolved disc-eclipsing binary system
Autoren: Bernhard, K. and Lloyd, C.
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arXiv:2405.15555
Astronomy & Astrophysics, Volume 688, id.A58, 7 pp.
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Titel: VizieR Online Data Catalog: New ACV variables in the ZTF (Bauer-Fasching+, 2024)
Autoren: Bauer-Fasching, B., Bernhard, K., Brandli, E., Burger, H., Eisele, B., Hummerich, S., Neuhold, J., Paunzen, E., Piecka, M., Ratzenbock, S., and Prisegen, M.
URL: <https://ui.adsabs.harvard.edu/abs/2024yCat..36870211B>
VizieR On-line Data Catalog: J/A+A/687/A211. Originally published in:
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07/2024

Titel: Spectroscopic and photometric confirmation of TCP J00003597+1757408 as a WZ Sge-type dwarf nova
Autoren: Isogai, K., Kojiguchi, N., Tampo, Y., and Hamsch, F.-J.
URL: <https://ui.adsabs.harvard.edu/abs/2024ATel16694....11>
The Astronomer's Telegram, No. 16694
07/2024

Titel: New ACV variables discovered in the Zwicky Transient Facility survey
Autoren: Bauer-Fasching, B., Bernhard, K., Brändli, E., Burger, H., Eisele, B., Hümmerich, S., Neuhold, J., Paunzen, E., Piecka, M., Ratzenböck, S., and Prišegen, M.

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Astronomy & Astrophysics, Volume 687, id.A211, 10 pp.
07/2024

Titel: Chemically peculiar stars on the pre-main sequence
Autoren: Kueß, L., Paunzen, E., Faltová, N., Jádlovský, D., Labaj, M., Mesarč, M., Mondal, P., Prišegen, M., Ramezani, T., Supíková, J., Svačinková, K., Vítková, M., Xia, C., Bernhard, K., and Hümmerich, S.

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arXiv:2405.08946

Astronomy & Astrophysics, Volume 687, id.A176, 24 pp.
07/2024

Titel: Erratum: Optical and soft X-ray light-curve analysis during the 2022 eruption of U Scorpii: Structural changes in the accretion disk

Autoren: Muraoka, K., Kojiguchi, N., Ito, J., Nogami, D., Kato, T., Tampo, Y., Taguchi, K., Isogai, K., Arranz, T., Blackwell, J., Blane, D., Brincat, S. M., Coates, G., Cooney, W., Dvorak, S., Galdies, C., Glomski, D., Hamsch, F.-J., Harris, B., Hodge, J., ... and Williamson, G.

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06/2024

Titel: Accretion Funnel Reconfiguration during an Outburst in a Young Stellar Object: EX Lupi

Autoren: Singh, K., Ninan, J. P., Romanova, M. M., Buckley, D. A. H., Ojha, D. K., Ghosh, A., Monson, A., Schramm, M., Sharma, S., Reichart, D. E., Mikolajewska, J., Beamin, J. C., Borissova, J., Ivanov, V. D., Kouprianov, V. V., Hamsch, F.-J., and Pearce, A.

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arXiv:2404.05420

The Astrophysical Journal, Volume 968, Issue 2, id.88, 28 pp.
06/2024

Titel: Ground-based and JWST Observations of SN 2022pul. II. Evidence from Nebular Spectroscopy for a Violent Merger in a Peculiar Type Ia Supernova

Autoren: Kwok, L. A., Siebert, M. R., Johansson, J., Jha, S. W., Blondin, S., Dessart, L., Foley, R. J., Hillier, D. J., Larison, C., Pakmor, R., Temim, T., Andrews, J. E., Auchettl, K., Badenes, C., Barnabas, B., Bostroem, K. A., Brenner Newman, M. J., Brink, T. G., Bustamante-Rosell, M. J., Camacho-Neves, Y., Clocchiatti, A., Coulter, D. A., Davis, K. W., Deckers, M., Dimitriadis, G., Dong, Y., Farah, J., Filippenko, A. V., Flörs, A., Fox, O. D., Garnavich, P., Padilla Gonzalez, E., Graur, O., Hamsch, F.-J., Hosseinzadeh, G., Howell, ... and Wang, L.

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The Astrophysical Journal, Volume 966, Issue 1, id.135, 18 pp.
05/2024

Titel: Optical and soft X-ray light-curve analysis during the 2022 eruption of U Scorpii: Structural changes in the accretion disk

Autoren: Muraoka, K., Kojiguchi, N., Ito, J., Nogami, D., Kato, T., Tampo, Y., Taguchi, K., Isogai, K., Arranz, T., Blackwell, J., Blane, D., Brincat, S. M., Coates, G., Cooney, W., Dvorak, S., Galdies, C., Glomski, D., Hamsch, F.-J., Harris, B., Hodge, J., ... and Williamson, G.

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arXiv:2402.06347

Publications of the Astronomical Society of Japan, Volume 76, Issue 2, pp.293-305
04/2024

Titel: A survey for variable young stars with small telescopes - VIII. Properties of 1687 Gaia selected members in 21 nearby clusters

Autoren: Froebrich, D., Scholz, A., Campbell-White, J., Vanaverbeke, S., Herbert, C., Eisloffel, J., Urtly, T., Long, T. P., Walton, I. L., Wiersema, K., Quinn, N. J., Rodda, T., González-Carballo, J.-L., Morales Aimar, M., ... S. M., Campbell, D. A., Eggenstein, H.-B., Hamsch, F.-J., ... and Lynch, C. J. R.

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04/2024

Titel: ASASSN-21qj: the direct detection and characterisation of an ice giant exoplanet collision towards a solar type star

Autoren: Kenworthy, M., Lock, S., Kennedy, G., van Capelleveen, R., Mamajek, E., Carone, L., Hamsch, F.-J., Masiero, J., Mainzer, A., Kirkpatrick, J., Gomez, E., Leinhardt, Z., Dou, J., Tanna, P., Sainio, A., Barker, H., Charbonnel, S., Garde, O., Le Dû, P., Mulato, L., Petit, T., and Rizzo Smith, M.

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AASTCS10, Extreme Solar Systems V, id. 623.03. Bulletin of the American
Astronomical Society, Vol. 56, No. 4 e-id 2024n4i623p03
04/2024

Titel: ZTFJ070412.91-112403.2: A KH 15D like object with additional variability?

Autoren: Bernhard, K., Frank, P., Moschner, W., and Reffke, U.

URL: <https://ui.adsabs.harvard.edu/abs/2024BAVJ...92....1B>
BAV Journal, No. 092, April 2024
04/2024

Titel: The period of Fr151 Cyg = GSC 03949-01097
Autoren: Moschner, W., Frank, P., and Bernhard, K.
URL: <https://ui.adsabs.harvard.edu/abs/2024BAVJ...90....1M>
BAV Journal, No. 090, February 2024
02/2024

Titel: Author Correction: A planetary collision afterglow and transit of the resultant debris cloud
Autoren: Kenworthy, M., Lock, S., Kennedy, G., van Capelleveen, R., Mamajek, E., Carone, L., Hamsch, F.-J., Masiero, J., Mainzer, A., Kirkpatrick, J. D., Gomez, E., Leinhardt, Z., Dou, J., Tanna, P., Sainio, A., Barker, H., Charbonnel, S., Garde, O., Le Dû, P., Mulato, L., Petit, T., and Rizzo Smith, M.
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01/2024

Titel: The elements of NSVS 3936908
Autoren: Moschner, W., Frank, P., and Bernhard, K.
URL: <https://ui.adsabs.harvard.edu/abs/2024BAVJ...89....1M>
BAV Journal, No. 089, January 2024
01/2024

Titel: The period of V1457 Cyg
Autoren: Moschner, W., Frank, P., and Bernhard, K.
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BAV Journal, No. 088, January 2024
01/2024

Titel: ZTFJ201538.86+362025.6: A candidate binary with strong reflection effect
Autoren: Bernhard, K., Frank, P., Moschner, W., and Reffke, U.
URL: <https://ui.adsabs.harvard.edu/abs/2024BAVJ...87....1B>
BAV Journal, No. 087, January 2024
01/2024

Titel: Ground-based and JWST Observations of SN 2022pul. I. Unusual Signatures of Carbon, Oxygen, and Circumstellar Interaction in a Peculiar Type Ia Supernova
Autoren: Siebert, M. R., Kwok, L. A., Johansson, J., Jha, S. W., Blondin, S., Dessart, L., Foley, R. J., Hillier, D. J., Larison, C., Pakmor, R., Temim, T., Andrews, J. E., Auchetti, K., Badenes, C., Barna, B., Bostroem, K. A., Brenner Newman, M. J., Brink, T. G., Bustamante-Rosell, M. J., Camacho-Neves, Y., ... Hamsch, F.-J., Hosseinzadeh, G., Howell, D. A., Hughes, J. P., Kerzendorf, ... and Wang, L.
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The Astrophysical Journal, Volume 960, Issue 1, id.88, 19 pp.
01/2024

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