

Research outputs

Listing of Research outputs

Caputo, A, Sberna, L, Frías, M, Blas, D, Pani, P, Shao, L & Yan, W 2019, 'Constraints on millicharged dark matter and axionlike particles from timing of radio waves', *Physical Review D*, vol. 100, no. 6, 063515. <https://doi.org/10.1103/PhysRevD.100.063515>

Alonso, R, Blas, D & Wolf, P 2019, 'Exploring the ultra-light to sub-MeV dark matter window with atomic clocks and comagnetometers', *Journal of High Energy Physics*, vol. 2019, no. 7, 69. [https://doi.org/10.1007/JHEP07\(2019\)069](https://doi.org/10.1007/JHEP07(2019)069)

Barack, L, Cardoso, V, Nissanke, S, Sotiriou, TP, Askar, A, Belczynski, K, Bertone, G, Bon, E, Blas, D, Brito, R, Bulik, T, Burrage, C, Byrnes, CT, Caprini, C, Chernyakova, M, Chrusciel, P, Colpi, M, Ferrari, V, Gaggero, D, Gair, J, Garcia-Bellido, J, Hassan, SF, Heisenberg, L, Hendry, M, Heng, IS, Herdeiro, C, Hinderer, T, Horesh, A, Kavanagh, BJ, Kocsis, B, Kramer, M, Tiec, AL, Mingarelli, C, Nardini, G, Nelemans, G, Palenzuela, C, Pani, P, Perego, A, Porter, EK, Rossi, EM, Schmidt, P, Sesana, A, Sperhake, U, Stamera, A, Stein, LC, Tamanini, N, Tauris, TM, Urena-Lopez, LA, Vincent, F, Volonteri, M, Wardell, B, Wex, N, Yagi, K, Abdelsalhin, T, Aloy, MA, Amaro-Seoane, P, Annulli, L, Arca-Sedda, M, Bah, I, Barausse, E, Barakovic, E, Benkel, R, Bennett, CL, Bernard, L, Bernuzzi, S, Berry, CPL, Berti, E, Bezares, M, Blanco-Pillado, JJ, Blazquez-Salcedo, JL, Bonetti, M, Boskovic, M, Bosnjak, Z, Bricman, K, Bruegmann, B, Capelo, PR, Carloni, S, Cerda-Duran, P, Charmousis, C, Chaty, S, Clerici, A, Coates, A, Colleoni, M, Collodel, LG, Compere, G, Cook, W, Cordero-Carrion, I, Correia, M, Cruz-Dombriz, ADL, Czinner, VG, Destounis, K, Dialektopoulos, K, Doneva, D, Dotti, M, Drew, A, Eckner, C, Edholm, J, Emparan, R, Erdem, R, Ferreira, M, Ferreira, PG, Finch, A, Font, JA, Franchini, N, Fransen, K, Gal'tsov, D, Ganguly, A, Gerosa, D, Glampedakis, K, Gomboc, A, Goobar, A, Gualtieri, L, Guendelman, E, Haardt, F, Harmark, T, Hejda, F, Hertog, T, Hopper, S, Husa, S, Ihanec, N, Ikeda, T, Jaodand, A, Jimenez-Forteza, PJX, Kamionkowski, M, Kaplan, DE, Kazantzidis, S, Kimura, M, Kobayashi, S, Kokkotas, K, Krolik, J, Kunz, J, Lammerzahl, C, Lasky, P, Lemos, JPS, Said, JL, Liberati, S, Lopes, J, Luna, R, Ma, Y-Z, Maggio, E, Montero, MM, Maselli, A, Mayer, L, Mazumdar, A, Messenger, C, Menard, B, Minamitsuji, M, Moore, CJ, Mota, D, Nampalliwar, S, Nerozzi, A, Nichols, D, Nissimov, E, Obergaulinger, M, Obers, NA, Oliveri, R, Pappas, G, Pasic, V, Peiris, H, Petrushevska, T, Pollney, D, Pratten, G, Rakic, N, Racz, I, Radia, M, Ramazanouglu, FM, Ramos-Buades, A, Raposo, G, Rosca-Mead, R, Rogatko, M, Rosinska, D, Rosswog, S, Morales, ER, Sakellariadou, M, Sanchis-Gual, N, Salafia, OS, Samajdar, A, Sintés, A, Smole, M, Sopena, C, Souza-Lima, R, Stalevski, M, Stergioulas, N, Stevens, C, Tamfal, T, Torres-Forne, A, Tsygankov, S, Unluturk, K, Valiante, R, Meent, MVD, Velhinho, J, Verbin, Y, Vercoocke, B, Vernieri, D, Vicente, R, Vitagliano, V, Weltman, A, Whiting, B, Williamson, A, Witek, H, Wojnar, A, Yakut, K, Yan, H, Yazadjiev, S, Zaharijas, G & Zilhao, M 2019, 'Black holes, gravitational waves and fundamental physics: a roadmap', *Classical and Quantum Gravity*, vol. 36, no. 14, 143001. <https://doi.org/10.1088/1361-6382/ab0587>

Wolf, P, Alonso, R & Blas, D 2019, 'Scattering of light dark matter in atomic clocks', *Physical Review D*, vol. 99, no. 9, 095019. <https://doi.org/10.1103/PhysRevD.99.095019>

Wolf, P, Alonso, R & Blas, D 2019, Searching for ultra-light dark matter with atomic spectroscopy. in E Auge, J Dumarchez & J Tran Thanh Van (eds), *Proceedings of the 54th Rencontres de Moriond - 2019 Gravitation*. Proceedings of the 54th Rencontres de Moriond - 2019 Gravitation, ARISF, pp. 183-189, 54th Rencontres de Moriond on Gravitation 2019, La Thuile, Italy, 23/03/2019.

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