

Research outputs

Listing of Research outputs

Constraints on millicharged dark matter and axionlike particles from timing of radio waves

Caputo, A., Sberna, L., Frías, M., Blas, D., Pani, P., Shao, L. & Yan, W., Sep 2019, In : *Physical Review D*. 100, 6, 063515.

Research output: Contribution to journal > Article

Exploring the ultra-light to sub-MeV dark matter window with atomic clocks and co-magnetometers

Alonso, R., Blas, D. & Wolf, P., 1 Jul 2019, In : *Journal of High Energy Physics*. 2019, 7, 69.

Research output: Contribution to journal > Article

Black holes, gravitational waves and fundamental physics: a roadmap

Barack, L., Cardoso, V., Nissanke, S., Sotiriou, T. P., Askar, A., Belczynski, K., Bertone, G., Bon, E., Blas, D., Brito, R., Bulik, T., Burrage, C., Byrnes, C. T., Caprini, C., Chernyakova, M., Chrusciel, P., Colpi, M., Ferrari, V., Gaggero, D., Gair, J., Garcia-Bellido, J., Hassan, S. F., Heisenberg, L., Hendry, M., Heng, I. S., Herdeiro, C., Hinderer, T., Horesh, A., Kavanagh, B. J., Kocsis, B., Kramer, M., Tiec, A. L., Mingarelli, C., Nardini, G., Nelemans, G., Palenzuela, C., Pani, P., Perego, A., Porter, E. K., Rossi, E. M., Schmidt, P., Sesana, A., Sperhake, U., Stammer, A., Stein, L. C., Tamanini, N., Tauris, T. M., Urena-Lopez, L. A., Vincent, F., Volonteri, M., Wardell, B., Wex, N., Yagi, K., Abdelsalhin, T., Aloy, M. A., Amaro-Seoane, P., Annulli, L., Arca-Sedda, M., Bah, I., Barausse, E., Barakovic, E., Benkel, R., Bennett, C. L., Bernard, L., Bernuzzi, S., Berry, C. P. L., Berti, E., Bezares, M., Blanco-Pillado, J. J., Blazquez-Salcedo, J. L., Bonetti, M., Boskovic, M., Bosnjak, Z., Bricman, K., Bruegmann, B., Capelo, P. R., Carloni, S., Cerda-Duran, P., Charmousis, C., Chaty, S., Clerici, A., Coates, A., Colleoni, M., Collodel, L. G., Compere, G., Cook, W., Cordero-Carrion, I., Correia, M., Cruz-Dombriz, A. D. L., Czinner, V. G., Destounis, K., Dialektopoulos, K., Doneva, D., Dotti, M., Drew, A., Eckner, C., Edholm, J., Emparan, R., Erdem, R., Ferreira, M., Ferreira, P. G., Finch, A., Font, J. A., 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, P. J. X., Kamionkowski, M., Kaplan, D. E., Kazantzidis, S., Kimura, M., Kobayashi, S., Kokkotas, K., Krolik, J., Kunz, J., Lammerzahl, C., Lasky, P., Lemos, J. P. S., Said, J. L., Liberati, S., Lopes, J., Luna, R., Ma, Y-Z., Maggio, E., Montero, M. M., Maselli, A., Mayer, L., Mazumdar, A., Messenger, C., Menard, B., Minamitsuji, M., Moore, C. J., Mota, D., Nampalliwar, S., Nerozzi, A., Nichols, D., Nissimov, E., Obergaulinger, M., Obers, N. A., Oliveri, R., Pappas, G., Pasic, V., Peiris, H., Petrushevska, T., Pollney, D., Pratten, G., Rakic, N., Racz, I., Radia, M., Ramazanoglu, F. M., Ramos-Buades, A., Raposo, G., Rosca-Mead, R., Rogatko, M., Rosinska, D., Rosswog, S., Morales, E. R., Sakellariadou, M., Sanchis-Gual, N., Salafia, O. S., Samajdar, A., Sintés, A., Smole, M., Sopuerta, C., Souza-Lima, R., Stalevski, M., Stergioulas, N., Stevens, C., Tamfal, T., Torres-Forne, A., Tsygankov, S., Unluturk, K., Valiante, R., Meent, M. V. D., Velhinho, J., Verbin, Y., Vercocke, 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., 19 Jun 2019, In : *Classical and Quantum Gravity*. 36, 14, 143001.

Research output: Contribution to journal > Review article

Scattering of light dark matter in atomic clocks

Wolf, P., Alonso, R. & Blas, D., 17 May 2019, In : *Physical Review D*. 99, 9, 095019.

Research output: Contribution to journal > Article

Searching for ultra-light dark matter with atomic spectroscopy

Wolf, P., Alonso, R. & Blas, D., 1 Jan 2019, *Proceedings of the 54th Rencontres de Moriond - 2019 Gravitation*. Auge, E., Dumarchez, J. & Tran Thanh Van, J. (eds.). ARISF, p. 183-189 7 p. (Proceedings of the 54th Rencontres de Moriond - 2019 Gravitation).

Research output: Chapter in Book/Report/Conference proceeding > Conference paper

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