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- [74] L.U. Ancarani, G. Gasaneo, and D.M. Mitnik, “Can the exterior complex scaling method be applied to pure Coulomb potentials?”, Invited talk presented at the International Symposium on ($e, 2e$), Double Photoionization and Related Topics, and 16th International Symposium on Polarization and Correlation in Electronic and Atomic Collisions, Dublin, Ireland (Aug. 2011).
- [75] C.C. Montanari, D.M. Mitnik and J.E. Miraglia, “L and M–shell ionization of very heavy targets”. Poster paper presented at the XXVII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Belfast, North Irland (July 2011). *Journal of Physics: Conference Series*, **388** 022090 (2012).
- [76] J.M. Randazzo, D.M. Mitnik, L.U. Ancarani, G. Gasaneo, F.D. Colavecchia, and A.L. Frapiccini, “Hyperspherical versus spherical treatment of asymptotic conditions for three–body scattering problems”. Poster paper presented at the XXVII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Belfast, North Irland (July 2011). *Journal of Physics: Conference Series*, **388** 082040 (2012).
- [77] G. Gasaneo, D.M. Mitnik, L.U. Ancarani, F.D. Colavecchia, A.L. Frapiccini, and J.M. Randazzo, “An analytically solvable model to test the hyperspherical Sturmian approach for break up processes”. Poster paper presented at the XXVII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Belfast, North Irland (July 2011). *Journal of Physics: Conference Series*, **388** 042028 (2012).
- [78] F.D. Colavecchia, D.M. Mitnik, and G. Gasaneo, and A.L. Frapiccini, “Wave packet propagation with a generalized Sturmian basis”. Poster paper presented at the XXVII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Belfast, North Irland (July 2011).
- [79] K.V. Rodriguez, L.U. Ancarani, A.L. Frapiccini, D.M. Mitnik, and G. Gasaneo, “Ground state for two–electron atoms in exponential–cosine–screened Coulomb potentials”. Poster paper presented at the XXVII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Belfast, North Irland (July 2011). *Journal of Physics: Conference Series*, **388** 152017 (2012).
- [80] C.A. Rios, M.S. Gravielle, D.M. Mitnik, and V.M. Silkin, “Band–structure based model for photoelectron emission from metal surfaces”. Poster paper presented at the XXVII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Belfast, North Irland (July 2011). *Journal of Physics: Conference Series*, **388** 132019 (2012).
- [81] G. Gasaneo, J.M. Randazzo, D.M. Mitnik, L.U. Ancarani, and F.D. Colavecchia, “Hyperspherical Sturmian approach for break up processes”, Poster paper presented at the International Symposium on ($e, 2e$), Double Photoionization and Related Topics, and 16th International Symposium on Polarization and Correlation in Electronic and Atomic Collisions, Dublin, Ireland (Aug. 2011).

- [82] G. Gasaneo, F.D. Colavecchia, and D.M. Mitnik “A Sturmian approach to deal with three–body ionization processes”, Invited talk presented at the International Symposium on $(e, 2e)$, Double Photoionization and Related Topics, and 16th International Symposium on Polarization and Correlation in Electronic and Atomic Collisions, Dublin, Ireland (Aug. 2011).
- [83] D.M. Mitnik, J.M. Randazzo, G. Gasaneo, F.D. Colavecchia, “Endohedrally confined Helium atoms: mirror collapse, effects on structure and double photoionization”, Invited talk presented at the International Symposium on $(e, 2e)$, Double Photoionization and Related Topics, and 16th International Symposium on Polarization and Correlation in Electronic and Atomic Collisions, Dublin, Ireland (Aug. 2011).
- [84] L.U. Ancarani, G. Gasaneo, and D. Mitnik, “On the applicability of the Exterior Complex Scaling method for scattering problems including Coulombic potentials”, Invited talk presented at the 64th Annual Gaseous Electronics Conference, Austin, Texas, USA (October 2011).
- [85] L.U. Ancarani, G. Gasaneo, and D.M. Mitnik, “Three–body break–up model problem in hyperspherical coordinates: analytical and numerical solution”, Invited talk presented at the French National Conference PAMO–JSM, Metz, France (July 2012).
- [86] L.U. Ancarani, D.M. Mitnik, and G. Gasaneo, “Generalized Hyperspherical Sturmian functions applied to three–body ionization problems”, Poster presented at the 65th Annual Gaseous Electronics Conference, Austin, Texas, USA (October 2012).
- [87] L.U. Ancarani, G. Gasaneo, and D.M. Mitnik “Single and double ionization of helium: a Sturmian approach”, Invited talk presented at the 65th Annual Gaseous Electronics Conference, Austin, Texas, USA (October 2012).
- [88] I.A. Gómez, G. Gasaneo, D.G. Arbó, D.M. Mitnik and B. Piraux, “Positive energy Generalized Sturmian functions applied to atomic photoionization”, Poster paper presented at the Molecular Electronic Structure at Troy, Canakkale, Turkey (Sept 2012).
- [89] L.U. Ancarani, G. Gasaneo, J.M. Randazzo, F.D. Colavecchia, and D.M. Mitnik, “Doble ionización de He por impacto de electrones rápidos”, Invited talk presented at the VI Encuentro Sudamericano de Colisiones Inelásticas en la Materia, Rosario, Argentina (November 2012).
- [90] G. Gasaneo, J.M. Randazzo, A.I. Gómez, D.M. Mitnik, D.G. Arbó, and F.D. Colavecchia, “Simple y doble fotoionización de átomos neutros”, Invited talk presented at the VI Encuentro Sudamericano de Colisiones Inelásticas en la Materia, Rosario, Argentina (November 2012).
- [91] M.J. Ambrosio, A.I. Gómez, F.D. Colavecchia, D.M. Mitnik, and G. Gasaneo, “Estudio de los canales presentes en una función de tres cuerpos calculada por el método de Sturmians Generalizados”, Poster paper presented at the VI Encuentro Sudamericano de Colisiones Inelásticas en la Materia, Rosario, Argentina (November 2012).
- [92] D.M. Mitnik, G. Gasaneo, and L.U. Ancarani, “Uso del método de Funciones Sturmianas Generalizadas en un problema modelo de colisiones atómicas”, Poster paper presented at the VI Encuentro Sudamericano de Colisiones Inelásticas en la Materia, Rosario, Argentina (November 2012).
- [93] C.A. Ríos Rubiano, M.S. Gravielle, and D.M. Mitnik, “Emisión foto–electrónica desde una superficie metálica: efectos de la estructura de bandas”, Invited talk presented at the VI Encuentro Sudamericano de Colisiones Inelásticas en la Materia, Rosario, Argentina (November 2012).

- [94] J. Aguiar and D.M. Mitnik, “Estructura electrónica de Be, Al Ti y W mediante espectroscopía Compton y comparaciones con la teoría de la funcional densidad”, Invited talk presented at the VI Encuentro Sudamericano de Colisiones Inelásticas en la Materia, Rosario, Argentina (November 2012).
- [95] J. Del Punta, M. J. Ambrosio, G. Gasaneo, D.M. Mitnik, L.U. Ancarani, and S.A. Zaytsev, “Non homogeneous solution to a Coulomb Schrödinger equation as a basis set for scattering problems”. Poster paper presented at the XXVIII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Lanzhou, China (Sep 2013).
- [96] M. J. Ambrosio, G. Gasaneo, F.D. Colavecchia, and D.M. Mitnik, “Efficiency improvements for the Generalized Sturmian method on scattering problems”. Poster paper presented at the XXVIII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Lanzhou, China (Sep 2013).
- [97] K.V. Rodriguez, D.M. Mitnik, and G. Gasaneo, “Study of two correlated electrons confined by harmonic potentials”. Poster paper presented at the XXVIII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Lanzhou, China (Sep 2013).
- [98] L.U. Ancarani, K.V. Rodriguez, G. Gasaneo, and D.M. Mitnik, “Correlated $n^{1,3}S$ states for two-electron atoms in screened potentials”. Poster paper presented at the XXVIII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Lanzhou, China (Sep 2013).
- [99] C.M. Granados-Castro, L.U. Ancarani, G. Gasaneo, and D.M. Mitnik, “Sturmian approach to single photoionization of CH_4 ”. Poster paper presented at the XXVIII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Lanzhou, China (Sep 2013).
- [100] I.A. Gómez, M.J. Ambrosio, G. Gasaneo, D.M. Mitnik, B. Piraux, and D. Arbó, “A generalized Sturmian approach to photoionization of hydrogen by electromagnetic pulses”. Poster paper presented at the XXVIII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Lanzhou, China (Sep 2013).
- [101] J.M. Randazzo, D.M. Mitnik, L.U. Ancarani, F.D. Colavecchia, and G. Gasaneo, “Double photoionization cross sections of helium using a simple set of outgoing Sturmian Functions”. Poster paper presented at the XXVIII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Lanzhou, China (Sep 2013).
- [102] C.A. Rios Rubiano, M.S. Gravielle, D.M. Mitnik, and V.M. Silkin, “Influence of the surface band structure in photoelectron emission by ultra-short laser pulses”. Poster paper presented at the XXVIII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Lanzhou, China (Sep 2013).
- [103] D.M. Mitnik, M.J. Ambrosio, L.U. Ancarani, G. Gasaneo, F.D. Colavecchia, A.L. Frapiccini, C.M. Granados-Castro, A.I. Gómez, and J.M. Randazzo, “Collisional problems treated by the Hyperspherical Generalized Sturmian Method”. Invited talk presented at the XXVIII International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Lanzhou, China (Sep 2013).
- [104] L.U. Ancarani, G. Gasaneo, M.J. Ambrosio, F.D. Colavecchia, J.M. Randazzo, and D.M. Mitnik, “Convergence issues in existing numerical methods for describing the double ionization of helium by high energy electron impact”. Invited talk presented at the International Symposium on $(e, 2e)$, Double Photoionization and Related Topics,

- and 17th International Symposium on Polarization and Correlation in Electronic and Atomic Collisions, Hefei, China (Aug. 2013).
- [105] J.M. Randazzo, L.U. Ancarani, G. Gasaneo, F.D. Colavecchia, and D.M. Mitnik, “Complete treatment of a three-body break-up Coulomb problem with generalised Sturmian functions”. Invited talk presented at the International Symposium on $(e, 2e)$, Double Photoionization and Related Topics, and 17th International Symposium on Polarization and Correlation in Electronic and Atomic Collisions, Hefei, China (Aug. 2013).
- [106] J.A. Del Punta, M.J. Ambrosio, G. Gasaneo, L.U. Ancarani, D.M. Mitnik, S.A. Zaysev, and M.S. Aleshin, “Quasi-Sturmian approach to two- and three-body continuum Coulomb problems”. Poster paper presented at the 66th Annual Gaseous Electronics Conference, Princeton, New Jersey, USA (Oct. 2013).
- [107] C.M. Granados Castro, L.U. Ancarani, G. Gasaneo, and D.M. Mitnik, “Sturmian approach to the study of photoionization of atoms and molecules”. Contributed talk presented at the 66th Annual Gaseous Electronics Conference, Princeton, New Jersey, USA (Oct. 2013).
- [108] J.M. Randazzo, G. Gasaneo, L.U. Ancarani, F.D. Colavecchia, and D.M. Mitnik, “Generalized Sturmian Functions approach for double photoionization of He”. Poster paper presented at the 66th Annual Gaseous Electronics Conference, Princeton, New Jersey, USA (Oct. 2013).
- [109] D.M. Mitnik, M.J. Ambrosio, G. Gasaneo, A.I. Gomez, and L.U. Ancarani, “Electron Impact Single and Double Ionization of Helium calculated with Generalized Sturmian Functions”. Invited talk presented at the 66th Annual Gaseous Electronics Conference, Princeton, New Jersey, USA (Oct. 2013).
- [110] J.M. Randazzo, L.U. Ancarani, D.M. Mitnik, G. Gasaneo, and F.D. Colavecchia, “Single and double photoionization of atoms by n -photon absorption at low intensity laser fields: a Sturmian approach”. Poster paper presented at the International Conference on Many Particle Spectroscopy of Atoms, Molecules and Surfaces, Metz, France (July 2014).
- [111] C.M. Granados-Castro, L.U. Ancarani, G. Gasaneo, and D.M. Mitnik, “Study of Photoionization of Atoms With Generalized Sturmian Functions”. Poster paper presented at the International Conference on Many Particle Spectroscopy of Atoms, Molecules and Surfaces, Metz, France (July 2014).
- [112] C.M. Granados-Castro, L.U. Ancarani, D.M. Mitnik, and G. Gasaneo, “Sturmian approach to study the single photoionization of many electron atoms and molecules”. Poster paper presented at the International Conference on Many Particle Spectroscopy of Atoms, Molecules and Surfaces, Metz, France (July 2014).
- [113] E. Gaggioli, M.J. Ambrosio, S. Otranto, D.M. Mitnik, and G. Gasaneo, “Double ionization of Helium by bare Coulombic projectiles. Generalized Sturmian Functions and Approximate three bdy solutions”. Poster paper presented at the International Conference on Many Particle Spectroscopy of Atoms, Molecules and Surfaces, Metz, France (July 2014).
- [114] C.M. Granados-Castro, L.U. Ancarani, G. Gasaneo, and D.M. Mitnik, “Sturmian approach to single photoionization of many electron atoms and molecules”. Invited talk presented at the International Conference on Many Particle Spectroscopy of Atoms, Molecules and Surfaces, Metz, France (July 2014).

- [115] M.J. Ambrosio, F.D. Colavecchia, G. Gasaneo, D.M. Mitnik, and L.U. Ancarani “Electron impact double ionization of Helium in the fast projectile and small momentum transfer regimes”. Invited talk presented at the International Conference on Many Particle Spectroscopy of Atoms, Molecules and Surfaces, Metz, France (July 2014).
- [116] J.M. Randazzo, A.L. Frapiccini, D.M. Mitnik, G. Gasaneo, and F.D. Colavecchia, “Double Photoionization of confined atoms in n -walled fullerenes”. Poster paper presented at the XXIX International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Toledo, Spain (Sep 2015).
- [117] M.J. Ambrosio, D.M. Mitnik, G. Gasaneo, E.L. Gaggioli and F.D. Colavecchia, “Ionization of Helium by electron and proton impact”. Poster paper presented at the XXIX International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Toledo, Spain (Sep 2015).
- [118] A.L. Frapiccini, G. Gasaneo, D.M. Mitnik, and F.D. Colavecchia, “Effect of the fullerene confining potential in the $1s \rightarrow 2p$ resonant transition of H”. Poster paper presented at the XXIX International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Toledo, Spain (Sep 2015).
- [119] M.J. Ambrosio, D.M. Mitnik, G. Gasaneo, and F.D. Colavecchia, “Ionization of Helium by neutronic impact”. Poster paper presented at the XXIX International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Toledo, Spain (Sep 2015).
- [120] J.M. Randazzo, L.U. Ancarani, D.M. Mitnik, C.M. Granados–Castro, G. Gasaneo, and F.D. Colavecchia, “Generalized Sturmian treatment of atomic double photoionization by n -photon absorption at low intensity laser fields”. Poster paper presented at the XXIX International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Toledo, Spain (Sep 2015).
- [121] C.M. Granados–Castro, L.U. Ancarani, X. Assfeld, G. Gasaneo, and D.M. Mitnik, “Sturmian approach to study photoionization of molecules”. Poster paper presented at the XXIX International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Toledo, Spain (Sep 2015).
- [122] A.I. Gómez, G. Gasaneo, and D.M. Mitnik, “Generalized Sturmian approach to extracting transition amplitudes for two-photon ionization of atoms by electromagnetic pulses”. Poster paper presented at the XXIX International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Toledo, Spain (Sep 2015).
- [123] A.I. Gómez, G. Gasaneo, D.M. Mitnik, M.J. Ambrosio, and L.U. Ancarani, “Scattering problems with nondecaying sources: Two-Photon ionization as a benchmark”. Poster paper presented at the Colloque commun de la division de Physique Atomique et Moléculaire et Optique de la SFP et des Journées de Spectroscopie Moléculaires PAMO–JSM Bordeaux, France, (July 2016).
- [124] C.M. Granados–Castro, G. Gasaneo, D.M. Mitnik, and L.U. Ancarani, “Photoionization of CH_4 , H_2O and NH_3 within a Sturmian approach”. Poster paper presented at the Colloque commun de la division de Physique Atomique et Moléculaire et Optique de la SFP et des Journées de Spectroscopie Moléculaires PAMO–JSM Bordeaux, France, (July 2016).
- [125] E.L. Gaggioli, M.J. Ambrosio, D.M. Mitnik, L.U. Ancarani, and G. Gasaneo, “Double ionization of helium by 6 MeV protons”. Poster paper presented at the International Conference on Many Particle Spectroscopy of Atoms, Molecules, Clusters and Surfaces (MPS 2016) Moscow, Russia, (August 2016).

- [126] A.I. Gómez, G. Gasaneo, D.M. Mitnik, M.J. Ambrosio, and L.U. Ancarani, “Simultaneous ionization–excitation of helium by high energy electron impact”. Poster paper presented at the International Conference on Many Particle Spectroscopy of Atoms, Molecules, Clusters and Surfaces (MPS 2016) Moscow, Russia, (August 2016).
- [127] C.M. Granados–Castro, L.U. Ancarani, G. Gasaneo, and D.M. Mitnik, “Photoionization of molecules: a Sturmian approach”. Poster paper presented at the International Conference on Many Particle Spectroscopy of Atoms, Molecules, Clusters and Surfaces (MPS 2016) Moscow, Russia, (August 2016).
- [128] C.M. Granados–Castro, L.U. Ancarani, G. Gasaneo, and D.M. Mitnik, “Photoionization of CH₄, H₂O and NH₃: a Sturmian approach”. Poster paper presented at the 12th European Conference on Atoms Molecules and Photons (ECAMP12), Frankfurt, Germany, (September 2016).
- [129] A.I. Gómez, G. Gasaneo, D.M. Mitnik, M.J. Ambrosio and L.U. Ancarani, “Sturmian approach to extract transition amplitudes in scattering problems with nondecaying sources”. Invited talk presented at Molecular Electronic Structure (MESBA2016), Buenos Aires, Argentina (Sept 2016).
- [130] M.P.A. Mendez, D.M. Mitnik, and J.E. Miraglia, “Effective orbital potentials for second row–hydrides (XH_n)”. Invited talk presented at Molecular Electronic Structure (MESBA2016), Buenos Aires, Argentina (Sept 2016).
- [131] L.U. Ancarani, C.M. Granados-Castro, M.J. Ambrosio, A.I. Gómez, E.L. Gaggioli, J.M. Randazzo, D.M. Mitnik and G. Gasaneo, “Generalized Sturmian functions applied to ionization processes of atoms and molecules”. Invited talk presented at Molecular Electronic Structure (MESBA2016), Buenos Aires, Argentina (Sept 2016).
- [132] A.I. Gómez, G. Gasaneo, D.M. Mitnik, M.J. Ambrosio and L.U. Ancarani, “Two-photon ionization with Generalized Sturmians Functions method”. Poster paper presented at Molecular Electronic Structure (MESBA2016), Buenos Aires, Argentina (Sept 2016).
- [133] C.C. Montanari, D.M. Mitnik, J.C. Aguiar, R.C. Fadanelli, C.D. Nascimento, M. Behar, A. Tuross and E. Guziejewicz, “Energy loss in zinc oxide”. Poster paper presented at Molecular Electronic Structure (MESBA2016), Buenos Aires, Argentina (Sept 2016).
- [134] L.U. Ancarani, E.L. Gaggioli, M.J. Ambrosio, D.M. Mitnik, and G. Gasaneo, “Double ionization of helium by impact of fast protons”. Poster paper presented at the 69th Annual Gaseous Electronics Conference Bochum, Germany, (October 2016).
- [135] L.U. Ancarani, A.I. Gómez, G. Gasaneo, D.M. Mitnik, and M.J. Ambrosio, “Electron impact ionization–excitation of Helium”. Poster paper presented at the 69th Annual Gaseous Electronics Conference Bochum, Germany, (October 2016).
- [136] L.U. Ancarani, G. Gasaneo, D.M. Mitnik, J.M. Randazzo, F.D. Colavecchia, M.J. Ambrosio, J.A. DelPunta, and C.M. Granados–Castro, “A Sturmian approach for ionization processes of atoms and molecules”. Invited talk presented at the 69th Annual Gaseous Electronics Conference Bochum, Germany, (October 2016).
- [137] C. Ríos Rubiano, R. Della Picca, D.M. Mitnik, S. Silkin, and M.S. Gravielle, “Crystallographic orientation in photoelectron emission from metal surfaces by ultrashort laser pulses”, Poster paper presented at the Frontiers in Physical Sciences Conference, Buenos Aires, Argentina, (November 2016).

- [138] J.I. Peralta, M.C. Vieytes, J.M.I. Fontenla, A.M.P. Mendez, and D.M. Mitnik, “Mg I atomic model for solar and stellar atmospheres”, Poster paper presented at the 12th International Colloquium on Atomic Spectra and Oscillator Strengths for Astrophysical and Laboratory Plasmas, Sao Pablo, Brasil, (December 2016).
- [139] M.J. Ambrosio, A.I. Gomez, L.U. Ancarani, D.M. Mitnik, and G. Gasaneo, “Proton impact double ionization of helium: Generalized Sturmian Functions approach”, Poster paper presented at the International Symposium on ion–atom collision, Queensland, Australia (July 2017).
- [140] M.J. Ambrosio, A.I. Gomez, G. Gasaneo, L.U. Ancarani, and D.M. Mitnik, “Beat structure in the solution of scattering problems with nondecaying sources”, Invited Talk presented at the ($e, 2e$), double photo–ionization and related topics Conference, Palm Cove, Australia, (August 2017).
- [141] A.I. Gomez, M.J. Ambrosio, D.M. Mitnik, and L.U. Ancarani, “Helium double ionization by neutronic impact”, Poster paper presented at the XXX International Conference on Photonic, Electronic and Atomic Collisions, Cairns, Australia, (July 2017).
- [142] A.I. Gomez, M.J. Ambrosio, D.M. Mitnik, and G. Gasaneo, “Exploring different momentum–transfer regimes in proton–helium collisions”, Poster paper presented at the XXX International Conference on Photonic, Electronic and Atomic Collisions, Cairns, Australia, (July 2017).
- [143] C.A. Rios Rubiano, R. Della Picca, D.M. Mitnik, and M.S. Gravielle, “Effects due to the induced potential in ultrashort laser interactions with Al(100) and Al(111) surfaces”, “Exploring different momentum–transfer regimes in proton–helium collisions”, Poster paper presented at the XXX International Conference on Photonic, Electronic and Atomic Collisions, Cairns, Australia, (July 2017).
- [144] A.M.P. Mendez, D.M. Mitnik and C.C. Montanari, “Fully relativistic structure calculations of heavy targets for inelastic collisions”, Invited talk presented at the 7th Topical Conference of the Indian Society of Atomic and Molecular Physics, Tirupati, India (January 2018).
- [145] A.M.P. Mendez, D.M. Mitnik and C.C. Montanari, “Inelastic collision calculations of heavy targets”, Invited talk presented at the 9th International Symposium on BioPIXE, Foz do Iguazu, Brasil (February 2018).
- [146] C.C. Montanari, A.M.P. Mendez, D.M. Mitnik, U. Singh, M. Oswal, S. Kumar, G. Singh, D. Mehta, K.P. Singh, and T. Nandi, “L shell ionization cross sections in relativistic atoms by swift heavy ions”, Poster paper presented at the 10th International Symposium on Swift Heavy Ions in Matter and 28th International Conference on Atomic Collisions in Solids, Caen, Francia (July 2018).
- [147] A.M.P. Mendez, C.C. Montanari, and D.M. Mitnik, “Fully relativistic structure calculations of heavy targets for inelastic collisions”, Poster paper presented at the 10th International Symposium on Swift Heavy Ions in Matter and 28th International Conference on Atomic Collisions in Solids, Caen, Francia (July 2018).
- [148] C.C. Montanari, A.M.P. Mendez, J.E. Miraglia, and D.M. Mitnik, “Theoretical developments for the stopping power in an extended energy range”, Poster paper presented at the 10th International Symposium on Swift Heavy Ions in Matter and 28th International Conference on Atomic Collisions in Solids, Caen, Francia (July 2018).
- [149] D.M. Mitnik, A. Mendez, and J.E. Miraglia, “Depurated Inversion Method for Effective Molecular Potentials”, Invited talk presented at the International Conference on Molecular Electronic Structure Metz, Francia, (August 2018).

- [150] A.M.P. Mendez, D.M. Mitnik, and C.C. Montanari, “Ionización de la capa L de blancos sólidos Ta, W, Pt, Au, Pb, Bi, Th y U”, Poster paper presented at the IX Conferencia Sudamericana de Colisiones Inelásticas en la Materia, Viña del Mar, Chile, (November 2018).
- [151] C.C. Montanari, A.M.P. Mendez, D.M. Mitnik, and J.E. Miraglia, “Cálculo de poder de frenado en un rango amplio de energías del proyectil”, Invited talk presented at the IX Conferencia Sudamericana de Colisiones Inelásticas en la Materia, Viña del Mar, Chile, (November 2018).
- [152] A.M.P. Mendez, D.M. Mitnik, and J.E. Miraglia, “Potenciales efectivos atómicos y moleculares”, Invited talk presented at the IX Conferencia Sudamericana de Colisiones Inelásticas en la Materia, Viña del Mar, Chile, (November 2018).
- [153] A.M.P. Mendez, J.I. Di Filippo, S.D. López, and D.M. Mitnik, “Bayesian atomic structure calculations for collisional problems”, Poster paper presented at the XXXI International Conference on Photonic, Electronic and Atomic Collisions, Deauville, France, (August 2019).
- [154] A.M.P. Mendez, J.I. Di Filippo, S.D. López, and D.M. Mitnik, “Gaussian Processes Optimization of atomic structure for collisional problems calculation”, Poster paper presented at the 20th International Symposium on Correlation, Polarization and Ionization in Atomic and Molecular Collisions, Metz, France, (August 2019).
- [155] C. Montanari, A. Mendez, D. Mitnik, M. Oswal, S. Kumar, U. Singh, G. Singh, K.P. Singh, D. Mehta, D. Mitra, T. Nandi, “L-shell ionization cross sections of Ta, Pt, Th, and U by Si ion”, Poster paper presented at the 24th International Conference on Ion Beam Analysis, Antibes, France (October 2019).
- [156] C.C. Montanari, A. Mendez, D. Mitnik, J. Miraglia, “Stopping power of ions in solids: current interest, data needs and new theoretical results”, Invited talk presented at the 24th International Conference on Ion Beam Analysis, Antibes, France (October 2019).
- [157] C.C. Montanari, A. Mendez, D. Mitnik, J. Miraglia, P.A. Miranda, M. Aguilera, J. Wachter, R. Correa, E. Alves, N. Catarino, and R.C. Da Silva, “Experimental and theoretical results for stopping power of protons in Hafnium”, Poster paper presented at the 24th International Conference on Ion Beam Analysis, Antibes, France (October 2019).
- [158] A.M.P. Mendez, J.E. Miraglia, and D.M. Mitnik, “Cálculos de estructura atómica para procesos colisionales”, Invited talk presented at the Reunión Latinoamericana de Espectroscopía Atómica y sus Actuales Aplicaciones, CIOp, La Plata, Argentina (October 2019).
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- [161] A.L. Frapiccini, D.M. Mitnik, A.F. López, and L.U. Ancarani, “Generalized Sturmian functions in prolate spheroidal coordinates for continuum states”, Poster paper presented at the XXXII International Conference on Photonic, Electronic and Atomic Collisions, Canadá (virtual), (July 2021).

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- [170] F. Bivort Haiek, A.M.P. Mendez, C.C. Montanari, and D.M. Mitnik, “Towards a Machine Learning Prediction of Electronic Stopping Power”, Invited talk presented at the 36th Conference on Neural Information Processing Systems (NeurIPS 2022), New Orleans, USA (November 2022).
- [171] Ling Zhang, YunXin Cheng, Wenmin Zhang, Shigeru Morita, Darío Mitnik, Ailan Hu, Fengling Zhang, Xiaobin Ding, Yang Yang, Ke Yao, and Haiqing Liu, “Further requirement of tungsten atomic data for tungsten influx estimation at EAST plasma edge”, Invited talk presented at the 21st meeting on Atomic Processes in Plasma, Vienna, Austria (May 2023).
- [172] S. Segui, S. Limandri, M. Torres Deluigi, C.C. Montanari, D.M. Mitnik, A. Carreras, G. Castellano, and J. Trincavelli, “M photon self-attenuation across the M5 edge for elements with $70 \leq Z \leq 80$ ”, Poster paper presented at the XXXIII International conference on photonic, electronic and atomic collisions (ICPEAC), Ottawa, Canada (July 2023).

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- [174] S. Segui, C.C. Montanari, and D.M. Mitnik, “M-shell and L-shell ionization cross sections of heavy targets”, Poster paper presented at the XXXIII International conference on photonic, electronic and atomic collisions (ICPEAC), Ottawa, Canada (July 2023).
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