Publications


Chapters in Books


Presentations at International Conferences


ice metalica: aproximacion Impulsiva Jellium–Volkov vs. soluci´ on exacta”. Poster 
paper presented at the III Encuentro Sudamericano de Colisiones Inel´ asticas en la Ma- 
teria, Buenos Aires, Argentina (October 2006).

colisiones rasantes Ion–Superficie”. Contributed talk presented at the III Encuentro Sudamericano de Colisiones Inel´ asticas en la Materia, Buenos Aires, Argentina (Octo-
ber 2006).

[41] K.V. Rodriguez, G. Gasaneo, S. Otranto and D.M. Mitnik, “Photo–Ionization pro-
cesses of two–electron atoms near the critical nuclear charge”. Poster paper presented 
at the XXV International Conference on Photonic, Electronic and Atomic Collisions 
(ICPEAC) conference, Freiburg, Germany (July 2007).

[42] M.N. Faraggi, M.S. Gravielle and D.M. Mitnik, “Photoelectron emission from metal 
surfaces: description based on the jellium model”. Poster paper presented at the XXV 
International Conference on Photonic, Electronic and Atomic Collisions (ICPEAC) 
conference, Freiburg, Germany (July 2007).

Poster paper presented at the XXV International Conference on Photonic, Electronic 
and Atomic Collisions (ICPEAC) conference, Freiburg, Germany (July 2007).

[44] K.V. Rodriguez, G. Gasaneo and D.M. Mitnik, “Simple and accurate variational wave-
functions for two–electron ions”. Poster paper presented at the XXV International Con-
ference on Photonic, Electronic and Atomic Collisions (ICPEAC) conference, Freiburg, 
Germany (July 2007).

Acceleration and deceleration of convoy electrons in grazing–ion–surface collisions”. 
Poster paper presented at the XX International Symposium on Ion–Atom collisions 
(ISIAC) conference, Crete, Greece (August 2007).

electron emission in grazing–ion–surface collisions”. Invited talk presented at the XX 
ISIAC conference, Crete, Greece (August 2007).

“Time–dependent method with Sturmian basis functions”. Poster paper presented at 
the Workshop on Atomic Ions Stage Abundances in Astrophysical Plasmas, Auburn, 
USA (February 2008).

ium n13S excited states obtained with an angular correlated configuration interaction 
method”. Poster paper to presented at the 40th European Group for Atomic Systems 
(EGAS) conference, Graz, Austria (July 2008).

states wavefunctions for two–electron systems with finite nuclear mass”. Poster paper 
to presented at the 40th European Group for Atomic Systems (EGAS) conference, Graz, 
Austria (July 2008).

[50] D.M. Mitnik, J.M. Randazzo and G. Gasaneo, “Mirror collapses in endohedrally con-
ﬁned atoms: entropies, nodal surfaces and transition probabilities”. Poster paper pre-
sented at the Many particle spectroscopy of atoms, molecules, clusters and surfaces 
(MPS08) conference, Paris, France (June 2008).


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).


