CURRICULUM NORMALIZADO
UNIVERSIDAD NACIONAL DE LA PLATA
DATOS y ANTECEDENTES

Osvaldo CIVITARESE

Departamento de Física, Facultad de Ciencias Exactas.
Universidad Nacional de La Plata

diciembre 2023

Datos Personales

Apellido :	CIVITARESE
Nombres:	Enrique Osvaldo
Nacionalidad :	argentino
Lugar de Nacimiento:	La Plata,Pcia de Bs.As.Argentina
Fecha de Nacimiento:	enero 6, 1948
L.E.Número:	7787608
C.I.Número :	7787608
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Dirección laboral:	Dep. de Física. Univ. Nac.de La Plata (UNLP).C.C.67 (1900) La Plata.Argentina Teléfono :54-221-4246062. Fax: 54-221-4252006 e-mail: osvaldo.civitarese@fisica.unlp.edu.ar
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RESUMEN CURRICULAR

Formación

- Bachillerato en Ciencias: Colegio de la UNLP (1961-1966)
- Licenciatura en Física (Facultad de Cs.Exactas de la UNLP, (1967-1971)), Doctorado en Física (Facultad de Cs.Exactas de (1972-1974))
- Becario interno del CONICET y de la CICPBA (1971-1974).
- Beca postdoctoral (obtenida por concurso) en el Niels Bohr Institute de la Universidad de Copenhagen (1975-1978).
- Becario Humboldt (concurso europeo) en el IKP-KPA Julich (1978-1980).

Antecedentes en Docencia e Investigación

- Ingreso a la carrera del Investigador del CONICET (1980) (clase: Investigador Adjunto), promovido a Investigador Independiente en 1981, promovido a Investigador Principal en 1988, promovido a Investigador Superior en 2001.
- Situacion actual: Investigador Superior contratado ad-honorem
- Profesor Titular Ordinario (Dedicación exclusiva) de la Fac. de Ciencias Exactas de la UNLP desde 1986.
- Situacion actual: Profesor Emerito

Direccion de tesis doctorales

Tesis doctorales aprobadas (1986-a la fecha)

- Dr Angel L.DePaoli
- Dr. Gustavo Batko
- Dr Osvaldo Rosso
- Dr Federico Alasia
- Dra Marta Reboiro
- Dra Maria del Carme Licciardo
- Dra Ana Dumrauff
- Dr Ricardo Aguirre
- Dr Martin Schwellinger
- Dr Federico Montani
- Dr Gustavo Patow
- Dra Mercedes Mosquera(doctorado en Fisica
- Dra Mercedes Mosquera(doctorado en Cs.Astronomicas)

- Dra Lorena Rebon
- Dr Diego Tielas
- Dra Manuela Saez(doctorado en Cs.Astronomicas)
- Dra Keiko Fushimi(doctorado en Cs.Astronomicas)
- Dra Paula Colombi

Tesis doctorales en curso

- Lic Santiago Collazo (Cs.Astronomicas)

Premios y menciones

- Colegio de la UNLP: primer promedio de la promoción 1966.
- Mejor bachiller ingresante a la Facultad de Ciencias Fisicomatemáticas (Premio Tettamanti 1967).
- Mejor Egresado de la Facultad de Ciencias Exactas de la UNLP, Dr en Física, en 1974 (Premio del Gobierno de la Pcia de Bs.As y de la UNLP a la mejor tesis doctoral 1975).
- Foundation Alexander von Humboldt, 1980
- J. S. Guggenheim Fellow (Física, 1996/7).
- Premio Houssay 1995, Física, Investigador consolidado).
- Invitado por la Division de Física Nuclear de la American Physical Society para presidir la reunión divisional sobre decaimiento beta doble (Santa Fe, 1998).
- Premio G. Beck (Academia Nacional de Ciencias, 2004).
- Miembro Correspondiente de la Academia de Ciencias de Mexico (2005).
- Premio Fundacion KONEX 2013. Diploma al mérito (Fisica y Astronomia)

- Premio Houssay 2018, Física
- Miembro Titular de la Academia Nacional de Ciencias Exactas, Fisicas y Naturales de Argentina (2020).

Antecedentes varios

- Miembro Asociado y Asociado Senior del ICTP (desde 1986)
- Representante de la NUPECC en Argentina (desde 1990), miembro correspondiente del ECT*(desde 1994), afiliado al INT de la Universidad de Washington (desde 1998).
- Director (a la fecha) de 20 trabajos de diploma de licenciatura aprobados
- Miembro de Comisiones Asesoras de la CICPBA, del CONICET, de la Junta de Calificaciones del CONICET y de la CICPBA
- Miembro de Comisiones Evaluadores de Becas de la DAAD , de la Fundacion Antorchas y de la Fundacion Bunge y Born.
- Miembro de Comisiones Evaluadores de Premios de la Fundacion Bunge y Born.
- Miembro de Comisiones Evaluadores de la CONEAU
- Jefe del Depto de Física de la Fac. de Cs.Exactas de la UNLP (1988 y 2006).
- Miembro de la CD de la AFA (presidencia del Dr Bes)
- Organizador del concurso AFA-J.J.Giambiaggi 1999.
- Co-responsable del proyecto ANDES (construcción de un lab.subterráneo en la Pcia de San Juan)(desde 2011)

Cargos actuales

:

- Investigador Superior (CONICET)(ad-honorem)
- Profesor Emerito UNLP (ded.simple, profesor titular ordinario) (UNLP)

INVESTIGADOR VISITANTE

-Niels Bohr Institutet.University of Copenhagen.Denmark octubre1977/febrero1978.
-International Center for Theoretical Physics.Trieste.Italia. enero/marzo 1980.
-Niels Bohr Institutet.University of Copenhagen.Denmark. marzo/abril 1980
-Instituto de Física.Universidad de Sao Paulo.Brasil. agosto/septiembre.1980.
-Instituto de Física.Universidad de Sao Paulo.Brasil. julio 1981
-Instituto de Física.Universidad de Sao Paulo.Brasil.sept.1982.
-Niels Bohr Institutet.University of Copenhagen.mayo 1983.
-Atomfysik Institutet.University of Stockholm.junio 1983.
-Instituto de Física.Universidad de Sao Paulo.Brasil.agosto.1984
-Atomfysik Institutet.University of Stockholm.julio/agosto.1985.
-Instituto de Física.Universidad de Sao Paulo.Brasil.nov.1986.
-Instituto de Física.Universidad de Sao Paulo.Brasil.abril 1987.
-International Center for Theoretical Physics.Trieste.Italia. febrero/marzo 1988.
-Manne Sieghban Institute.Stockholm. marzo 1992
-Department of Physics. University of Jyvaskyla. marzo 1992
-Department of Physics. University of Jyvaskyla. feb/marzo 1993
-Department of Physics. University of Jyvaskyla. enero/marzo 1994
-Departamento de Física. CINVESTAV. Mexico. Agosto 1994.
-Institut fur Theoretische Physik. Univ.Tuebingen. feb,marzo 1995
-M.Sieghban Institute. Royal Inst. of Tech. Stockholm. agosto 1995
-Department of Physics. University of Jyvaskyla. marzo 1996
-Institute of Nuclear Theory. Seattle (Agosto-sept. 1996)
-Inst. de Technologia de California (CALTECH)(oct.1996)
-Department of Physics. University of Jyvaskyla. feb-marzo 1997
-Department of Physics. University of Jyvaskyla. feb-marzo 1998
-Department of Physics. University of Notre Dame. Illinois. USA. Octubre 1998.
-Department of Physics. University of Jyvaskyla. feb-marzo 1999
-Department of Physics. University of Jyvaskyla. feb-marzo 2000
-Department of Physics. University of Jyvaskyla. feb-marzo 2001
-Department of Physics. University of Jyvaskyla. feb-marzo 2001 -Universidad de Valladolid, octubre del 2001
-Universidad de Valladolid, octubre del 2002.
-Departamento de Física. Universidad de Stellenbosch. SudAfrica. octubre

del 2003.
-Department of Physics. University of Jyvaskyla. marzo 2003
-Universidad de Valladolid, noviembre del 2003.
-Department of Physics. University of Jyvaskyla. marzo 2004
-Universidad de Estocolmo, agosto del 2004.
-University de Valladolid, noviembre 2004
-Department of Physics. University of Jyvaskyla. marzo 2005
-Universidad de Valladolid, octubre del 2005
-University of Bratislava. julio 2005
-Department of Physics. University of Jyvaskyla. marzo 2006
-Universidad de Valladolid, noviembre del 2006.
-Department of Physics. University of Jyvaskyla. marzo 2007
-Universidad de Frankfurt, junio del 2007.
-University de Burgos, diciembre del 2007
-Department of Physics. University of Jyvaskyla. febrero 2008
-Instituto de Cs.Nucleares.UNAM.Mexico.enero 2008
-Department of Physics. University of Jyvaskyla. febrero 2009
-Instituto de Cs.Nucleares.UNAM.Mexico.enero 2009
-Department of Physics. University of Jyvaskyla. marzo 2010
-Department of Physics. University of Jyvaskyla. marzo 2011
-Department of Physics. University of Jyvaskyla. febrero 2012
-Department of Physics, KTH, Estocolmo, febrero 2012.
-Department of Physics. University of Jyvaskyla. febrero 2013
-Department of Physics. University of Jyvaskyla. febrero 2014
-Department of Physics. University of Jyvaskyla. febrero 2015
-Department of Physics. University of Jyvaskyla. febrero 2016
-Department of Physics. University of Jyvaskyla. febrero 2017
-Department of Physics. University of Jyvaskyla. febrero 2018
-Department of Physics. University of Jyvaskyla. febrero 2019
-Institute of Thheoretical Physics (Dubna)(febrero 2020)
-Department of Physics. University of Jyvaskyla. marzo 2020
-Department of Physics. University of Jyvaskyla. marzo 2023
-Department of Physics. University of Jyvaskyla. marzo 2024

PROFESOR VISITANTE

-Institut fur Theoretische Physik.University of Tubingen. West Germany. diciembre 1985/abril 1986
-Institut fur Theoretische Physik.University of Tubingen. West Germany.diciembre 1986/enero 1987.
-California Institute of Technology.Pasadena. USA.junio/julio 1987.
-Dept of Physics.University of Iowa.Ames.Iowa. USA.dec 1988/marzo 1989.
-Institut fur Theoretische Physik.University of Tubingen. West Germany.Profesor visitante por concurso, abril 1990/abril 1991.
-Department of Physics. University of Jyvaskyla. enero-marzo 1998.
-RCNP. Universidad de OSAKA, enero-marzo 1999 (concurso internacional, Profesor de excelencia COE (Center of Excellence))
-Dept of Physics. Univ.of Jyvaskyla. enero-marzo 2000, dictado de un cirso de estructura nuclear

PARTICIPACION EN CONGRESOS

1)V Brasilean symposium on theoretical physics. Rio de Janeiro.enero 1974.
2) NORDITA symposium on theoretical physics. Copenhagen.mayo 1976.
3) International school of physics E.Fermi.Varenna.Italia.julio 1976.
4) Surrey conference on nuclear structure.Surrey.England.mayo 1976.
5) Second latin american workshop on condensed matter.ICTP. Trieste. octubre 1978.
6) Third latin american workshop on condensed matter.CNEA.Bs.As.julio 1979.
7) Nuclear Physics Workshop.ICTP.Trieste. Italia. feb/marzo 1980.
8) Reunión de Física nuclear.Proyecto Tandar.CNEA.Bs.As.abril 1980.
9) Reunión de trabajo sobre Física nuclear del Brasil.Brasil.sept 1980.
10) Reunión de Física nuclear.Proyecto Tandar.CNEA.Bs.As.abril 1981.
11) Reunión de Física nuclear.Proyecto Tandar.CNEA.Mar del Plata.mayo 1982
12) Reunión de trabajo de Física nuclear del Brasil. Itatiaia, septiembre 1982
13) International conference on heavy ions and nuclear structure.Catania. Italia. marzo 1983
14) Reunión de Física nuclear.Proyecto Tandar.CNEA.Bs.As.mayo 1984.
15) Reunión de Física nuclear.Proyecto Tandar.CNEA.Bs.As. sept.1985.
16) Reunión de Física nuclear.Proyecto Tandar.CNEA.Bs.As.junio.1986.
17) Workshop on Applied Nuclear Physics ICTP.Trieste.febrero/marzo.1988
18) Reunión de Física nuclear.Proyecto Tandar.CNEA.Bs.As.Agosto.1988.
19) Reunión de trabajo de Física nuclear del Brasil. Sorocaba.Brasil.septiembre 1988.
20) International Nuclear Physics Conference.Sao Paulo. agosto 1989
21) Workshop on Nuclear Physics.Iguazu.CNEA. sept 1989
22) Reunión de Física Nuclear.Proyecto Tandar.Bs.As. agosto 1991
23) Reunión de Física Nuclear. Proyecto Tandar. Bs.As. septiembre .1992
24) Conf.de Fis. Nuclear y Particulas. Oaxtepec, Mexico, ener.1993
25) Workshop on Nuclear Physics in Brasil. S.Negra. septiembre.1993.
26) Reunión de Física nuclear.Proyecto Tandar. CNEA.Bs.As. Dic.1993.
27) Reunión de Física Nuclear. AFA. Cordoba. septiembre 1994.
28) Reunión de Física Nuclear. AFA. Bariloche. oct.1995.
29) Conf. de Física Nuclear y Particulas. Oaxtepec. enero 1996

30) Conferencia de Física Nuclear. Angra dos Reis. abril 1996
31) Trends in Nuclear Physics. Trento. 0ct. 1996.
32) MEDEX 97 (Matrix elements for nuclear double beta decay experiments)-Praga, junio 1997.
33) Int. Conf. on Neutrino Physics. ERICE. sep. 1997
34) Nuclear Physics Conference. Oaxtepec. enero. 1998
35)-Nordic Meeting on Nuclear Physics (Univ. of Jyvaskyla, agosto 1998).
36) International Conference on Fundamental Symmetries.
Ioannina. Grecia. Septiembre 1998.
37) Division of Nuclear Physics. American Physical Society.
Santa Fe, octubre 1998.
38) MEDEX 99. Praga, julio 1999.
39)Int. Conf. on Nuclear and Particle Physics.Oaxtepec. enero 2000.
40) INT workshop on nuclear physics in the third millenium. Institute of Nuclear Theory. Seattle. Noviembre 2000.
41) MEDEX 2001. Praga. julio del 2001.
42)NANP01. Non-accelator new physics. DUBNA, julio 2001
43)Int. Conf. on Nuclear and Particle Physics.Taxco enero 2001.
44)Int. Conf. on Nuclear and Particle Physics.Taxco. enero 2002.
45)MEDEX 2003-Praga, julio del 2003
46)NANP03-Dubna, junio 2003
47)First YAMADA Conference on dark matter and neutrino physics. Nara, junio 2003
48)Int. Conf. on Nuclear and Particle Physics. Taxco. enero 2004.
49)Int. Conf. on Nuclear and Particle Physics.Cocoyoc. enero 2005.
50)International workshop on NME-DBD. Corfu. septiembre 2005
51)Int. Conf. on Nuclear and Particle Physics. COCOYOC.enero 2006.
52)Int. Conf. on Dark matter and Neutrino Physics. Paris. agosto.2006
53)Int. Conf. on Nuclear and Particle Physics. COCOYOC. enero 2007.
54)International Conference on Nuclear Physics. Argonne National Lab. mayo 2007.
55)Int. Conf. on NME and DBD. Praga. junio 2007.
56)Int. Conf. on Nuclear and Particle Physics. COCOYOC. enero 2008.
57)International Conference on Nuclear Physics. Columbia. South Caroline. mayo 2008
58)International Conference on fundamental symmetries. Cuernavaca 2008.
59)International Conference on Nuclear and Particle Physics. COCOYOC.

enero 2009.
60)International Conference on NME and DBD. Praga. junio 2009
61)International Conference on Nuclear and Particle Physics. COCOYOC. enero 2010.
62)International Conference on Nuclear and Particle Physics. COCOYOC. enero 2011.
63)Simposio Latinoamericano de Fisica Nuclear y Aplicaciones. Quito (2011)
64)International Conference on double beta decay (serie MEDEX 2011). Praga, junio 2011
65)Reunion conjunta AFA-SUF. Montevideo (2011)
66)International Conference on Many Body Theories. (Bariloche, 2011)
67)International Conference on Nuclear and Particle Physics. COCOYOC. enero 2012.
68)Proyecto ANDES (en el marco de la conferencia internacional sobre Fisica de Particulas y LHC, Valparaiso, enero 2012)
69)International workshop on double beta decay. Trento-ECT*, agosto 2012
70)Reunion Anual de la AFA (Cordoba 2012)
71)International Conference on Nuclear and Particle Physics. COCOYOC. enero 2012.
72)International Conference on Nuclear and Particle Physics. COCOYOC. enero 2013.
73)International Conference on double beta decay (serie MEDEX 2013). Praga, junio 2013
74)International Conference on Nuclear and Particle Physics. COCOYOC. enero 2014.
75) Simposio Latinoamericano de Altas energias (SILAFAE) 2014 (Medellin, Colombia, sept.2014)
76)International Conference on Nuclear and Particle Physics. COCOYOC. enero 2015.
77)International Conference on double beta decay (serie MEDEX 2015). Praga, junio 2015
78)International Conference on Nuclear and Particle Physics. COCOYOC. enero 2015.

79) Conference on double-charge exchange. LNS-INFN.Catania, diciembre 2015
80)International Conference on double beta decay (serie MEDEX 2017).

Praga, junio 2017
81)International Conference on double beta decay (serie MEDEX 2019). Praga, junio 2019
82)International Conference on double beta decay (serie MEDEX 2022). Praga, junio 2022
83)International Conference on double beta decay (serie MEDEX 2023). Praga, junio 2023
84)International Conference on Nuclear and Particle Physics. COCOYOC. enero 2023.

ORGANIZACION DE EVENTOS CIENTIFICOS

Miembro del comite organizador de la Conferencia de Angra dos Reis Brasil, (1996) (Nuclear Interactions at short distances)
Miembro de la comisión organizadora de la reunión AFA (1998) La Plata
Miembro del Comite Asesor Internacional de la Conferencia sobre Física Nuclear de Mexico (desde el 2001 a la fecha)
Miembro del Comite Asesor Internacional de la Conferencia Latinoamericana de Física (desde el 2003 a la fecha)
Miembro del Comite Asesor Internacional de la Conferencia YAMADA(desde el 2003)
Co-organizador del workshop sobre el proyecto ANDES. CNEA.abril 2011.
Conferencia Internacional: Nuclear Matrix elements for double beta decay studies (MEDEX), co-organizador junto a I. Stekl(Prague,Dubna) y J. Suhonen (Jyvaskyla), Praga 1997.
Co-organizador de la Conferencia MEDEX 1999 (Praga), República Checa, Idem MEDEX 2001, 2003,2005,2007,2009,2011,2013,2015,2017,2019,2022,2023

Lista de Publicaciones (dicembre 2023)

Publicaciones en revistas internacionales con referato.

1. Structure of the odd mass Ge isotopes with a particle phonon coupling.
   R.Almar, O.Civitarese, F.Krmpotic, J.Navaza.
   Physical Review **C 6** (1972)187.

2. Investigation of the non unique first forbidden beta decay transition in ^{141}Cd.
   O.Civitarese, F.Krmpotic, M.C.Cambiaggio, L.Szybisz.
   Physical Review **C 7** (1973) 768.

3. Properties of odd mass iodine isotopes in a particle phonon coupling.
   R.Almar, O.Civitarese, F.Krmpotic.
   Physical Review **C 8** (1973) 1518.

4. Generalized semi-microscopic model in odd mass indium isotopes.
   S.Abecasis, O.Civitarese, F.Krmpotic.
   Physical Review **C 9** (1974) 2320.

5. On the coupling phenomena between the $S = 0$ and $S = 1$ charge exchange dipole modes.
   O.Civitarese, F.Krmpotic, L.Szybisz.
   Physics Letters **B 48** (1974) 199.

6. Interpretation of the properties of the odd mass silver isotopes in the models of De Shalit and Alaga.
   O.Civitarese, F.Krmpotic.
   Nuclear Physics **A 229** (1974) 133.

7. A possible test for the ground state correlations in superfluid nuclei.
   O.Civitarese, A.Plastino, S.Peltier, S.Hernandez.
   Lettere Nuovo Cimento **11** (1974) 596.

8. Quasiparticle phonon coupling and the beta decay to the one phonon collective state.
   O.Civitarese, F.Krmpotic.
   Physics Letters **B 56** (1975) 123.

9. On the beta decay $2^-(^{122}Sb) \rightarrow 2^+(^{122}Te)$.
H.Bosch, M.C.Cambiaggio, O.Civitarese, F.Krmpotic, L.Szybisz
Nuclear Physics **A 272** (1976) 189.

10. Analysis of the odd mass Tc isotopes with the Alaga model
S.Abecasis, O.Civitarese, F.Krmpotic.
Zeitschrift fur Physik **A 278** (1976) 309.

11. Role of the Pauli principle in the spectrum of ^{208}Pb
O.Civitarese, R.A.Broglia, D.R.Bes
Physics Letters **B 72** (1977) 45.

12. On the excitation of nuclear surface modes in the deep inelastic collision of Kr on Pb.
R.A.Broglia, O.Civitarese, C.H.Dasso , Aa.Winther
Physics Letters **B 73** (1978) 405.

13. Generalized lattice density waves in nuclear matter.
O.Civitarese, A.Plastino, A.Faessler.
Z fur Physik **A 291** (1979) 239.

14. On the side feeding pattern and multiplicities in $^{26}Mg(^{136}Xe, 4n)^{158}Dy$.
O.Civitarese, A.Faessler, M.Wakai.
Physics Letters **B 84** (1979) 404.

15. The pairing correlations and nuclear shapes at very high angular momentum.
A.Ansari, O.Civitarese, A.Faessler.
Nuclear Physics **A 334** (1980) 93.

16. Skyrme HF treatment of asymmetric nuclear matter
O.Civitarese, A.Plastino, A.Faessler.
Zeitschrift fur Physik **A 298** (1980) 31.

17. Perturbative treatment of nuclear rotations:three dimensional case.
D.R.Bes, O.Civitarese, H.M.Sofia.
Nuclear Physics **A 370** (1981) 99.

18. Thermal HF in the thermodinamic limit:Statistical approach.
O.Civitarese, A.De Paoli, A.Plastino.
Zeitschrift fur Physik **A 305** (1982) 341.

19. Lattice density waves in nuclear matter at finite temperature.
O.Civitarese, A.De Paoli, A.Plastino, M.de Llano.
Zeitschrift fur Physik **A 307** (1982) 323.

20. On the Strutinsky shell correction method at finite temperature
O.Civitarese, A.De Paoli, A.Plastino.
Zeitschrift fur Physik **A 309** (1982) 177.

21. Renormalization of the axial vector coupling constant
by the charge conserving fields:cancellation effects.
O.Civitarese, F.Krmpotic.
Physics Letters **B 122** (1983) 121.

22. Non local effects induced by the particle vibration coupling.
O.Civitarese, R.P.J.Perazzo, S.L.Reich, M.Saraceno.
Zeitschrift fur Physik **A 311** (1983) 135.

23. Temperature dependent shell corrections:Numerical estimates for the lead region.
O.Civitarese, A.De Paoli, A.Plastino.
Zeitschrift fur Physik **A 311** (1983) 317.

24. Multistep nature of heavy ion fusion reactions.
O.Civitarese, B.V.Carlson, M.S.Hussein, A.Szanto de Toledo.
Physics Letters **B 125** (1983) 22.

25. The giant quadrupole resonance in highly excited rotating nuclei.
O.Civitarese, S.Furui, M.Ploszjaczack, A.Faessler.
Nuclear Physics **A 408** (1983) 61.

26. Thermal aspects of the pairing correlations in finite nuclei.
O.Civitarese, G.G.Dussel, R.P.J.Perazzo.
Nuclear Physics **A 404** (1983) 15.

27. Pairing correlations at high spin and finite temperature: a modified BCS approach.

O.Civitarese, A.Plastino, A.Faessler.
Journal of Physics **G 9** (1983) 1063.

28. On clustering effects and phase instabilities in high energy nuclear collisions.
O.Civitarese, A.Plastino.
Zeitschrift fur Physik **A 313** (1983) 139.

29. Pairing effects at finite temperature and finite rotational frequency:an exactly soluble model.
O.Civitarese, A.Plastino, A.Faessler.
Zeitschrift fur Physik **A 313** (1983) 197.

30. Particle vibration coupling effects in ^{211}At.
O.Civitarese, O.A.Rosso.
Zeitschrift fur Physik **A 315** (1984) 333.

31. On the temperature dependence of the nuclear response.
O.Civitarese, R.A.Broglia, C.H.Dasso.
Annals of Physics **156** (1984) 142.

32. Theoretical description of the $1/2(693KeV)3/2$ first forbidden beta decay transition in ^{111}Ag.
O.Civitarese, O.A.Rosso.
Zeitschrift fur Physik **A 317** (1984) 201.

33. A reformulation of the perturbative treatment of a system of fermions in a deformed basis.
V.Alessandrini, D.R.Bes, O.Civitarese, M.T.A.Mehr.
Physics Letters **B 148** (1984) 395.

34. Modified BCS treatment of pairing correlations in ^{240}Pu at high spin and finite temperature.
O.Civitarese, M.Faber, H.Markum, A.Plastino.
Nuclear Physics **A 438** (1985) 318.

35. The nuclear level density parameter and temperature dependent effects in finite nuclei.
O.Civitarese, A.De Paoli.
Nuclear Physics **A 440** (1985) 480.

36. Temperature dependent effects and statistical gamma ray multiplicities in the $^{147}Sm(3He,a)^{146}Sm$ reaction.
O.Civitarese, A.De Paoli.
Zeitschrift fur Physik **A 321** (1985) 473.

37. Finite temperature effects and phase transitions in the pairing force problem:variational approach.
G.Bozzolo, O.Civitarese.
Physical Review **C 32** (1985) 2111.

38. The dinucleus:a doorway to heavy ion fusion.
M.Hussein, B.V.Carlson, O.Civitarese, A.Szanto de Toledo.
Physical Review Letters **54** (1985) 2659.

39. Two particle transfer reactions leading to giant pairing resonances.
M.Herzog, O.Civitarese, L.Ferreira, R.J.Liotta, T.Vertse, L.Sibanda.
Nuclear Physics **A 448** (1986) 441.

40. Collective effects induced by the charge exchange vibrational fields on $0^- \rightarrow 0^+$ and $2^- \rightarrow 0^+$ first forbidden beta decay transitions.
O.Civitarese, F.Krmpotic, O.A.Rosso.
Nuclear Physics **A 453** (1986) 45.

41. Multistep compound model of heavy ion fusion.
B.V.Carlson, O.Civitarese, M.S.Hussein, A.Szanto de Toledo.
Annals of Physics **169** (1986) 167.

42. Pairing effects at finite temperature:fermionic and bosonic contributions to the specific heat of the nucleus.
F.Alasia, O.Civitarese, M.Reboiro.
Physical Review **C 35**(1987) 812.

43. Spin and orbital contributions to collective M1 transitions in $^{46,48}Ti$.
R.Nojarov, A.Faessler, O.Civitarese.
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