

Dichiarazione sostitutiva atto notorietà
(art. 47 DPR 445 DEL 28.12.2000)
ai sensi dell'art. 15, comma 1, lett. c), D.Lgs 33/2013 e
ai sensi dell'art. 20 comma 5, del D. Lgs. 8 aprile 2013 n. 39

Il/La sottoscritto/a WEIDONG LI CF. LIXWNG68E03Z2100
nato a CINA Prov. (EE) il 9/5/1968

consapevole delle sanzioni penali, nel caso di dichiarazione non veritiere, di formazione o uso di atti falsi, richiamate dall'art. 76 del DPR n. 445 del 28.12.2000

DICHIARA

ai sensi dell'art. 15, c. 1, lett. c) del D.Lgs 33/2013 e ai sensi dell'art. 20, c. 5 del D.Lgs 39/2013

in relazione al conferimento dell'incarico di : _____

a) di non svolgere incarichi e di non essere titolare di cariche in Enti di diritto privato regolati o finanziati dalla Pubblica Amministrazione conferente;

ovvero

di svolgere i seguenti incarichi o di essere titolare delle seguenti cariche in Enti di diritto privato regolati o finanziati dalla Pubblica Amministrazione conferente:

1) _____

2) _____

3) _____

b) di non svolgere attività professionali in Enti di diritto privato regolati o finanziati dalla Pubblica Amministrazione conferente;

ovvero

di svolgere le seguenti attività professionali in Enti di diritto privato regolati o finanziati dalla Pubblica Amministrazione conferente:

1) _____

2) _____

3) _____

c) di non trovarsi in alcuna delle situazioni di inconferibilità di cui al D.Lgs n. 39/2013.

INFORMATIVA RIGUARDO AL TRATTAMENTO DEI DATI PERSONALI (ART. 13 REG.UE 2016/679)

Il/La sottoscritto/a prende atto che il trattamento dei propri dati personali e sensibili avverrà secondo le modalità stabilite dal Regolamento UE 2016/679 (GDPR) relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali, al solo fine di assolvere gli adempimenti di natura obbligatoria posti in capo all'Università degli Studi di Firenze.

Il/La sottoscritto/a prende altresì atto che il curriculum vitae et studiorum e le dichiarazioni rese per le quali, ai sensi della normativa vigente, è prevista l'ottemperanza ad obblighi di trasparenza, verranno pubblicati sul sito web dell'Amministrazione in apposita sezione di "Amministrazione Trasparente", all'indirizzo <https://www.unifi.it/p11360.html>, dove è presente una pagina dedicata alla tematica della protezione dei dati personali contenente anche l'informativa per il trattamento dei dati personali dei collaboratori esterni.

Il/La sottoscritto/a si impegna a comunicare eventuali cause di incompatibilità che intercorrano nel corso dello svolgimento dell'incarico.

Firenze, 12/7/2018



IL /LA DICHIARANTE (firma leggibile per esteso)

Curriculum Vitae

Dr. Weidong Li

Institute of Theoretical Physics

Department of Physics
Shanxi University

July 5, 2018

First name: WeiDong, Family name: Li

Date and birthplace: May 9, 1968,
Jingcheng, Shanxi Province, P. R. of China

Home address: XueFu Road 44
030006 TaiYuan, Shanxi Province, P. R. of China

Work address: Institute of Theoretical Physics, Shanxi University
030006, TaiYuan, Shanxi, China
phone: +86-351-7011081 (Office)
fax: +86-351-7011233
e-mail: wdong_li3@yahoo.com or wdli@sxu.edu.cn

Citizenship: Chinese

Civil Status: Male, Married, One daughter

Knowledge of foreign languages: English

1990, July: B. S. degree
Shanxi University, P. R. of China

1990-1994: Secretary (Office of Science and Technology,
Shanxi University, P. R. of China)

1994-1997: M. S. Degree
Shanxi University, P. R. of China
Supervisors: Prof. J. Q. Liang

1997-1999: Lecturer,
Department of Physics,
Shanxi University, P. R. of China

1999-2002: Ph. D.
Institute of Physics,
Chinese Academy of Sciences
Title of the research thesis:
“The study of the coherent properties of
Bose-Einstein Condensates”
Supervisors: Prof. J. Q. Liang

2002-present: Professor
Institute of Theoretical Physics,
Department of Physics,
Shanxi University, P. R. of China

2006-2013: Vice-Director
Institute of Theoretical Physics,
Shanxi University, P. R. of China

2013-present: Sub-Dean
College of physics and electronic engineering,
Shanxi University, P. R. of China

PUBLICATIONS

Journal Articles (*: corresponding author)

- 78) Yanna Li, Manuel Gessner, Weidong Li*, and Augusto Smerzi “ Hyper- and hybrid nonlocality”, *Phys. Rev. Lett.* **120**, 050404 (2018).
- 77) Ling Hou, Wei-Dong Li, Fangwei Wang, Olle Eriksson, and Bao-Tian Wang*, “ Structural, electronic, and thermodynamic properties of curium dioxide: Density functional theory calculations”, *Phys. Rev. B* **96**, 235137 (2017).
- 76) Yuan Liu, Zhifang Feng, Weidong Li*, “ Energy sharing induced by the nonlinear interaction”, *Chin. Phys. B* **26**, 013401 (2017).
- 75) Cheng-Bin Zhang, Xiu-Ping Li, Weidong Li, Ping Zhang, Wen Yin, Fangwei Wang, Bao-Tian Wang*, “ Structural, electronic, and elastic properties of equiatomic UZr alloys from first-principles”, *J. Nucl. Mater.* **496**, 333–342 (2017).
- 74) Yanna Li, Weidong Li*, “ Phase Dissipation of an Open Two-Mode Bose-Einstein Condensate”, *Chin. Phys. Lett.* **34**, 070303 (2017).
- 73) Hui-Jie Zhang, Shi-Na Li, Jing-Jing Zheng, Wei-Dong Li, Bao-Tian Wang*, “ Effects of pressure on structural, electronic, and mechanical properties of α , β , and γ uranium”, *Chin. Phys. B.* **26**, 066104 (2017).
- 72) Jian-Xing Hao, Xiao-Lei Hao*, Wei-Dong Li, Shi-Lin Hu, Jing Chen “ Controlling Three-Dimensional Electron-Electron Correlation via Elliptically Polarized Intense Laser Field”, *Chin. Phys. Lett.* **34**, 043201 (2017).
- 71) Xiurong Zhang, Francesco Piazza, Weidong Li*, and Augusto Smerzi, “ Parity-symmetry breaking and topological phases in a superfluid ring”, *Phys. Rev. A.* **94**, 063601 (2016).
- 70) Ruolei Cheng, Tianchen He, Weidong Li*, Augusto Smerzi, “ Theory of a Kapitza-Dirac Interferometer with Cold Trapped Atoms ”, *Journal of Modern Physics* **7**, 2043-2062 (2016).
- 69) Xiaolei Hao, Zheng Shu, Weidong Li*, Shilin Hu, and Jing Chen, “ Quantitative identification of different strong-field ionization channels in the transition regime”, *Optics Express* **24**, 25250-25257 (2016).
- 68) Luca Pezze, Yan Li, Weidong Li*, and Augusto Smerzi, “ Witnessing entanglement without entanglement witness operators ”, *Proceedings of the National Academy of Sciences of USA* **113**, 11459C11464 (2016).
- 67) Xin-Hai Tu, Xiao-Lei Hao, Wei-Dong Li, Shi-Lin Hu, Jing Chen, “ Nonadiabatic Effect on the Rescattering Trajectories of Electrons in Strong Laser Field Ionization Process”, *Chin. Phys. Lett.* **33**, 093201 (2016).

- 66) C. Wang, M. Okunishi, X. Hao, Y. Ito, J. Chen, Y. Yang, R. R. Lucchese, M. Zhang, B. Yan, W. D. Li, D. Ding, and K. Ueda, “ Resonancelike enhancement in high-order above-threshold ionization of polyatomic molecules”, *Phys. Rev. A.* **93**, 043422 (2016).
- 65) Shilin Hu, Jing Chen, Xiaolei Hao, and Weidong Li, “ Effect of low-energy electron interference on strong-field molecular ionization, *Phys. Rev. A.* **93**, 023424 (2016).
- 64) Y. Gao, C. Qin, Z. Qiao, B. Wang, Weidong Li, G. Zhang, R. Chen, L. Xiao and S. Jia, “ Observing and tuning the density distribution of localized states of monolayer graphene oxide by using external electric field”, *Appl. Phys. Lett.* **106**, 131103 (2015).
- 63) Xiu-Rong Zhang and Wei-Dong Li*, “Nonlinear tunneling through a strong rectangular barrier”, *Chin. Phys. B.* **24** (7) 070311,(2015)
- 62) Bao-Tian Wang, JingJing Zheng, XiaoTian Qu, Wei-Dong Li, Ping Zhang, “Thermal conductivity of UO₂ and PuO₂ from first-principles”, *J. of Alloys and Compounds.* **628**,267-271 (2015)
- 61) Wenxue Zhang, Bao-Tian Wang, Xinlin Cui,Li Li and Wei-Dong Li, “Electronic Structure, Mechanics, and Thermodynamics of ZrB₁₂ Under Pressure”, *Sci. of Adv. Mat.*,**6** 2281-2285 (2014)
- 60) YanNa Li and Wei-Dong Li*, “Bifurcation of a nonlinear Schrodinger equation with a symmetrical double well”, *J. Phys. B: At. Mol. Opt. Phys.* **47** 195301 (2014)
- 59) JingJing Zheng, Bao-Tian Wang, I.Marco, Wei-Dong Li, “Electronic structure and phase stability of plutonium hydrides: Role of Coulomb repulsion and spin-orbital coupling”, *Int. J. of Hydrogen Ener.* **39**,13255-13265 (2014)
- 58) Weidong Li, Tianchen He and Augusto Smerzi, “Multimode Kapitza-Dirac Interferometry with Trapped Cold Atoms”, *Phys. Rev. Lett.* **113**,023003 (2014)
- 57) XiaoLei Hao, J. Chen, Wei-Dong Li, B. B. Wang, X. D. Wang and W. Becker, “Quantum effects in double ionisation of Ar below the threshold intensity”, *Phys. Rev. Lett.* **112** 073002 (2014)
- 56) Rui Xue, Wei-Dong Li and Zhao-Xin Liang “Collective Excitation and Quantum Depletion of a Bose-Einstein Condensate in a Periodic Array of Quantum Wells”, *Chin. Phys. Lett.* **31** 030302 (2014)
- 55) Bao-Tian Wang*, Wenxue Zhang, and Wei-Dong Li, “Mechanics, lattice dynamics, and chemical bonding in ZrB₂ and ZrB₁₂ from first-principles calculations”, *Sci. Adv. Mater.* **5**, 1916-1921. (2013)

- 54) M. Y. Wu, Y. L. Wang, X. J. Liu, Wei-Dong Li, XiaoLei Hao and J. Chen, “Effect of electron initial longitudinal velocity on low-energy structure in above-threshold ionisation spectra”, *Chin. Phys. Lett.* **30**, 073202 (2013)
- 53) XinYang Jia, D. H. Fan, Wei-Dong Li* and J. Chen, “Nonsequential double ionisation of nonaligned diatomic molecules N_2 and O_2 ”, *Chin. Phys. B.* **22** (1) 013303, (2013).
- 52) XinYang Jia, XiaoLei Hao, D. H. Fan, Wei-Dong Li* and J. Chen, “S-matrix and semiclassical study of electron-electron correlation in strong-field nonsequential double ionization of Ne”, *Phys. Rev. A.* **88** 033402, (2013)
- 51) XiaoLei Hao, XuLing Zhang, Wei-Dong Li* and Jing Chen, “Suppressing the effect of polarisation in tunnelling ionisation of the hydrogen atom ”, *Phys. Rev. A.* **87** 045403, (2013)
- 50) M. Y. Wu, Y. Wang, X. Liu, Wei-Dong Li, X. L. Hao and Jing Chen, “Coulomb-potential effects in non sequential double ionisation under elliptical polarization” *Phys. Rev. A.* **87** 013431, (2013)
- 49) C. Y. Wu, Y. D. Yang, Y. W. Liu Q. H. Gong M. Wu, X. Liu X. L. Hao, Wei-Dong Li, X. T. He and J. Chen, “Characteristic spectrum of very low energy photoelectron from above-threshold ionisation in the tunnelling regime” *Phys. Rev. Lett.* **109** 043001, (2012)
- 48) Yuan Liu, Weidong Li*, “Fermi-Decay law of Bose-Einstein Condensates trapped in an anharmonic potential”, *Chin. Phys. Lett.* **29** (4) 040304, (2012)
- 47) Xiao-Lei Hao, Wei-Dong Li *, Liu Jie and Chen Jing, “The effect of electron initial longitudinal velocity on the non-sequential double ionisation process in an elliptically polarised laser field”, *Chin. Phys. B* **21** (8), 083304 (2012).
- 46) Yuan Liu, Wei-Dong Li*, L. B. Fu and Q. Niu, “Weak force detector by “Atom Interferometers”, *Eur. J. Phys. D*, **66**, 75 (2012).
- 45) Bao-Tian Wang, Wei-Dong Li, Ping Zhang, “First-principles calculations of phase transition, elasticity and thermodynamic properties for TiZr alloy”, *J. of Nuc. Phys.* **420**, 501-507, (2012).
- 44) Bao-Tian Wang, Wen Yin, Wei-Dong Li and Fangwei Wang, “First-principles study of pressure-induced phase transition and electronic property of $PbCrO_3$ ”, *J. Appl. Phys.* **111**, 013503 (2012).
- 43) Bao-Tian Wang *, Wen Yin, Wei-Dong Li, and Fangwei Wang*, “Structural and electronic properties of Y_2CrS_4 from first-principles study”, *Eur. Phys. J. B*, **80**, 307-310. (2011).

- 42) Peng-Fei Zhang, Yuchi Zhang, Gang Li, Jin-Jin Du, Yan-Feng zhang, Yan-Qiang Guo, Jun-Min Wang, Tiancai Zhang and WeiDong li, “Sensitive Detection of Individual Neutral Atoms in a Strong Coupling Cavity QED system”, *Chin. Phys. Lett.*, **28**, 044203, (2011);
- 41) Bao-Tian Wang, Peng Zhang, Han-Yu Liu, Wei-Dong Li and Ping Zhang*, “First Principles calculations of phase transition, elastic modulus and superconductivity under pressure for zirconium”, *J. of Appl. Phys.* **109**, 063514, (2011).
- 40) XiaoLei Hao, Wei-Dong Li*, J. Liu and J. Chen*, “Effect of electron initial longitudinal velocity on non-sequential double ionization process”, *Phys. Rev. A.* **83**, 053422, (2011).
- 39) J. G. Cui and Wei-Dong Li*, “Step-like structure and assisted tunneling in two coupled modulated wave guides”, *Eur. J. Phys. D*, **61**, 187-191 (2011).
- 38) Bao-Tian Wang, Ping Zhang*, Hongzhou Song, Hongliang Shi, Dafang Li, and Wei-Dong Li, “Structural, mechanical, thermodynamic, and electronic properties of thorium hydrides from first-principles”, *J. Nucl. Mater.* **401**, 124-129 (2010)
- 37) Ji-Feng Jia, Yong-Ping Zhang, Wei-Dong Li and Lu Li*, “Novel Optical modes in the nonlinear double-waveguide structure”, *Opt. Comm.* **283**, 132-137, (2010),
- 36) Bao-Tian Wang, Ping Zhang*, Hongliang Shi, Bo sun, and Wei-Dong Li, “Mechanical and chemical bonding properties of ground state BeH₂”, *Eur. Phys. J. B.* **74**, 303-308. (2010)
- 35) Bao-Tian Wang, Hongliang Shi, Wei-Dong Li, and Ping Zhang*, “First-principles study of ground state properties and high pressure behavior of ThO₂”, *J. Nucl. Mater.* **399**, 181-188. (2010)
- 34) Bao-Tian Wang, J L Shao, G. C. Zhang, Wei-Dong Li and Ping Zhang*, “Nucleation of hcp and fcc phases in bcc iron under uniform compression: Classical molecular dynamics simulations”, *J. Phys.: Condens. Matt.* **22**, 435404, (2010).
- 33) Bao-Tian Wang, Hongliang Shi, Wei-Dong Li and Ping Zhang*, “First-principles LDA+U and GGA + U study of neptunium dioxide”, *Phys. Rev. B.* **81**, 045119, (2010).
- 32) Xin-Yan Jia, Wei-Dong Li*, Jie Liu and J. Chen*, “Alignment-Dependent nonsequential double ionization of molecule in intense laser fields: the role of different valence orbitals”, *Phys. Rev. A.* **80**, 053405 (2009)

- 31) BaoTian Wang, JianLi Shao, GuangCai Zhang, Wei-Dong Li and Ping Zhang*, “Molecular dynamics simulations of hcp/fcc nucleation and growth in bcc iron driven by uniaxial compression”, *J. Phys.: Condens. Matt.* **21**, 495702, (2009),
- 30) Jian Zhao, JieLi Qin, Wei-Dong Li*, “The classical Characters of one dimensional quantum oscillator”, *College Phys. (in Chinese)*, **28** (10), 14-19, (2009),
- 29) Jian Li, Wei-Dong Li, Jie Liu and Yi-Sui Sun*, “Large excursions of action within the resonance of a degenerate Hamiltonian system with two degrees of freedom”, *Phys. Rev. E* **80**, 026216, (2009),
- 28) XiaoLei Hao, G. Q. Wang, XinYan Jia, Wei-Dong Li*, J. Liu and J. Chen*, “Non-sequential double ionization of Ne in an elliptically polarized intensity laser field”, *Phys. Rev. A* **80**, 023408, (2009),
- 27) Yuan Liu, Xuefeng Zhang, Weidong Li*, “The study of the stability of 1-D confined Bose Einstein condensates based on one novel orthogonal basis”, *Phys. Lett. A*, **373**, 2764-2769, (2009),
- 26) Rui Xue, Z. X. Liang and Wei-Dong Li*, “Stability Diagrams of a Bose-Einstein Condensate in a Periodic Array of Quantum Wells”, *Chin. Phys. Lett.* **26**, 070303, (2009),
- 25) ZhiFang Feng, Wei-Dong Li*, L. R. Wang, LianTuan Xiao* and SuoTang Jia, “Optimistic conditions for creating Cs molecular (condensate) by a stimulated Raman adiabatic passage scheme”, *Phys. Rev. A* **80** 043620 (2009),
- 24) Rui Xue, Wei-Dong Li*, “The Nonlinear Wannier-Kohn function in Kronig-Penney Model”, *Chin. Phys. B*, **18** (10), 4130-4135 (2009),
- 23) ZhiFang Feng, Wei-Dong Li*, LianTuan Xiao and SuoTang Jia, “Sub-natural linewidth of the probe absorption spectrum in a cold gas of Cs atoms and molecules”, *Chin. Phys. B*, **18** (11), 4901-4905, (2009),
- 22) Rui Xue, Z. X. Liang and Wei-Dong Li*, “Exact nonlinear Bloch-state solutions for Bose-Einstein condensates in a periodic array of quantum wells”, *J. Phys. B: At Mol. Opt. Phys.* **42**, 085302, (2009)
- 21) J.-Q. Liang, J.-L. Liu, Wei-Dong Li and Z. -J. Li, “Atom-Pair tunneling in Optical lattices”, *Phys. Rev. A* **79**, 033617, (2009) (arXiv 0803.1889),
- 20) ZhiFang Fen, Wei-Dong Li*, Lian-tuan Xiao and Suotang Jia, “The double dark resonance in a Cs atom-molecule system”, *Opt. Exp.* **16**, 15870, (2008)

- 19) Xin-Yan Jia, Wei-Dong Li* and J. Q. Liang, “Nonlinear correction to the Boson Josephson-Function model”, *Phys. Rev. A*, **78** 023613 (2008)
- 18) Xin-Yan Jia, Wei-Dong Li, J. Fan, Jie Liu and Jin Chen, “Suppression effect in the nonsequential double ionization of molecules by intense laser field”, *Phys. Rev. A*, **77** 063407, (2008).
- 17) Xin-Yan Jia, Wei-Dong Li*, J. Q. Liang, “The consistency of the adiabatic and Exact Geometric Phases”, *International Journal of Modern Physics, B*, **22**, No. 8, 1025-1031 (2008)
- 16) Xin-Yan Jia, Wei-Dong Li*, J. Q. Liang, “The geometric phase of the quantum systems with slow but finite rate of the external time-dependent field”, *Chinese Physics* **16** (10) 2855-2861 (2007) (in English), (2007),
- 15) XiaoPeng Sun, ZhiFang Fen, Wei-Dong Li * and Suotang Jia, “The molecule production rate in a Λ configuration atom-molecular three-level system”, *Acta Physics* (in Chinese) **56**(10) 5727-5733, (2007)
- 14) Xin-Yan Jia, Wei-Dong Li *, H. Ezawa “The symmetry breaking states and bifurcations in Bose-Einstein Condensates in double square well”, *J. Physics A Math. theor.* **40** 6023-6033, (2007)
- 13) Wei-Dong Li, Jie Liu, “Continuous-measurement-enhanced self-self-trapping of degenerate ultracold atoms in a double well: Nonlinear Quantum Zeno effect”, *Phys. Rev. A* **74**, 063613, (2006)
- 12) Wei-Dong Li, “The stationary solutions of GP equations in double square well”, *Phys. Rev. A* **74** 063612 (2006)
- 11) Wei-Dong Li, A. Smerzi, “Nonlinear Kronig-Penney model”, *Phys. Rev. E*. **70** 016605, (2004)
- 10) Wei-Dong Li, Y. B. Zhang, J. Q. Liang, “Energy band structure and intrinsic coherent properties of two weakly linked Bose-Einstein Condensates”, *Phys. Rev. A*. **67**, 065601, (2003)
- 9) Y. B. Zhang, Wei-Dong Li, Lu Li and H. J. W. Muller-Kirsten, “Exact calculation of the skyrmion lifetime in a ferromagnetic Bose Einstein condensates”, *Phys. Rev. A*. **66**, 43622, (2002)
- 8) Wei-Dong Li, Fan Weng-Bing, X. J. Zhou, J. Q. Liang and Wu-Ming Liu, “Rabi oscillation in Bose-Einstein condensates”, *Comm. Theory Phys.* **38**, 547 (2002)
- 7) X. J. Zhou, Wei-Dong Li, X. Z. Chen, Y. Q. Wang, “Relative phase with the overlap region of two Bose-Einstein Condensates”, *Chin. Phys. Lett.* **19**, 1581, (2002)

- 6) Wei-Dong Li, X. J. Zhou, Y. Q. Wang, J. Q. Liang and WU-Ming Liu, "Time evolution of the relative phase in two-component Bose-Einstein condensates with a coupling drive", *Phys. Rev. A* **64**, 015602, (2001)
- 5) Wei-Dong Li, X. J. Zhou, J. Q. Liang, Y. Q. Wang and Wu-Ming Liu, "Phase dynamics of Bose-Einstein condensates", *Phys. Lett. A* **285**, 45, (2001)
- 4) Wei-Dong Li, Y. Z. Lai and J. Q. Liang, "General formalism of interaction of a three-level atom with cavity fields in the kerr-like medium", *J. Modern Optics* **48**, 1357, (2001)
- 3) X. J. Zhou, Y. Q. Wang, Wei-Dong Li, "The study of the phase of Bose-Einstein Condensate", *Comm. Theor. Phys.* **36**, 3, 267-270, (2001)
- 2) Wei-Dong Li, Y. Z. Lai and J. Q. Liang, "Effect of Kerr-like medium on atomic level-occupation probability", *Opt. Comm.* **186**, 303 (2000)
- 1) Y. Z. Lai, Wei-Dong Li, J. Q. Liang "Adiabatic transfer of atomic level-occupation probability by Kerr-like medium", *Opt. Comm.* **160**, 240, (1999).

Poster

- 7) Yuan-Liu, Wei-Dong Li, “Energy sharing induced by nonlinear interaction”, International Conference on Frontiers of Cold Atoms and Related Topics, 14-17, May, Hongkong, China, (2012).
- 6) Yuan-Liu, Wei-Dong Li, “Weak force detector by “atom Interferometers”, International Conference on “Quantum science and Technologies” Trento, Italy, (9-12, May, 2011).
- 5) Xin-Yan Jia, Wei-Dong Li “Nonlinear correction to BJJ model”, International conference on “Frontiers of Degenerate Quantum Gases”, Center for advanced study of Tsinghua University, Beijing, Oct. 20-24, (2008).
- 4) Xin-Yan Jia, Wei-Dong Li “Nonlinear correction to BJJ model”, 2008 Symposium for Young Researchers “Quantum manipulation of Photons and Atoms”, Beijing University, Beijing, China, Oct. 14-18, (2008).
- 3) Wei-dong Li, Jie Liu, “Continuous Measurement Enhanced Self-Trapping of Degenerate Ultra-Cold Atoms in a Double-Well: Nonlinear Quantum Zeno Effect”, CASTU, Tsinghua University, Beijing, China, Dec. 4-8, (2006).
- 2) Wei-dong Li, A. Smerzi, “The Generalized Bloch States with a BEC in a Kronig-Penney Potential”, QFS2004: International Symposium on Quantum Fluids and Solids Trento, Italy (2004),
- 1) Wei-dong Li, A. Smerzi, “On the nonlinear Kronig-Penney mode”, The Second international workshop: Theory of quantum gases and Quantum Coherence, Levico (Trento, Italy) (2003),

Seminars

- 1) “Energy band structure and intrinsic coherent properties of two weakly linked Bose-Einstein Condensates”, Trento, Italy, (2002)
- 2) “Stability of the attractive 1-D Bose-Einstein Condensates”, International Symposium on Cold Atom Physics (ISCAP-II), Hangzhou, China, (2006)
- 3) “The stationary solutions of G-P equations in double square well”, WuHan, 2005 CPS Full Meeting, (2005)
- 4) “Suppression Effect in the Non-Sequential Double Ionization of Molecules by Intense Laser Field”, Nanjing, 2007 CPS Full Meeting, (Speaker is my student: XinYan Jia), (2007)

- 5) “One exact solution of Gross-Pitaevskii Equation and it’s application”, Exactly solvable models and their applications in Cold atomic systems, HongKong, 21th, Jun.,(2008)
- 6) “Novel phenomena in Ultra-Cold Degenerate Quantum Gases”, the 9th Annual Workshop on Nanophotonics, Beijing-Taiyuan, (2009).

Teaching Experience

Lectures

- 1) Shanxi University, the first semester 1997-1998, 2004-2005 lectures on “Classical Mechanics”
- 2) Shanxi University, the second semester 2005-2009, lectures on “Quantum Statistics”.

Contracts, Fellowships

- 6) Visiting Scholar,
Laboratory of Theoretical Physics and Statistical Models, University of Paris 11
1th Mar. - 31 May, 2010. Paris, France.
- 5) Visiting Scholar,
Department of Physics, The Chin. Univ. of Hong Kong
1th Nov. to 30th Nov. 2008, HongKong, China,
- 4) Visiting Scholar,
Institute of Physics, CAS,
01th Sept. to 01th Oct. 2008, Beijing, China,
- 3) Visiting Scholar,
Department of Physics, University of Texas at Austin,
28th Feb. to 28th May. 2007, Austin, USA
- 2) Visiting Scholar,
Institute of Applied Physics and Computational Mathematics,
Oct. 10, 2005 to Jan. 10, 2006, Beijing, China
- 1) Post-doctoral Fellowship,
Istituto Nazionale per la Fisica della Materia BEC-CRS
and Dipartimento di Fisica,
Universita di Trento, 2002-2004, Trento, Italy

Research Grants

- 6) NCET of the Ministry of Education of China (NCET-08-0883) (2008-2011),

- 5) Research Grant (973 Program of China) “Study on the properties of the optical spectrum of new type molecular and its production with the photo-association method”, N: 2006CB921603, (2007-2009),
- 4) Research Grant (NSFC) “Anderson like localization and its coherence control on ultra-cold degenerate Boson atomic gases”, N:10674087, 2007-2009,
- 3) Research Grant (Shanxi Province) “The nonlinear quantum theory on Bose-Einstein Condensates”, N:200611004, 2006-2008,
- 2) Research Grant (NSFC) “Nonlinear Bloch Theory”, N: 10444002, 2005-2006
- 1) Research Grant (Shanxi Province), “The study on the coherent properties of Bose-Einstein Condensates”, N: 2001102, 2001-2003

Foreign University sojourns

- 2) Department of Physics, University of Texas at Austin, 28th Feb. to 28th May. 2007,
- 1) Dipartimento di Fisica, Universita di Trento, Spt. 2002- Aug. 2004.

Organization of Conferences

- 3) the 9th Annual Workshop on Nanophotonics, Beijing-Taiyuan, Organized by Wei-Dong Li, J. Q. Liang and C.C Sun (the taiyuan section) (2009)
- 2) Workshop on cold atom and quantum information for younger researchers in China, 2th-7th July, 2007, Organized by Shu. Yi, Biao. Wu, YunBo Zhang and Weidong Li
- 1) Mini-workshop on Spintornics, June, 2007, Organized by Wei-Dong li, J. Q. Liang and Q. Niu

Invited talks

- 3) “The study on the quantum phenomena in producing ultra-cold molecule with PA method”, The 12th conference on the low temperature physics in China, 28th July, (2009)
- 2) “One analytical solutions for Gross-Pitaevskii Equation and it’s application”, Workshop on the Exactly Solvable Models and Their Applications in Cold Atomic Systems, June, 20-22, 2008, Chinese University of HongKong, HongKong, China.
- 1) “The study on the nonlinear Quantum Properties of the weakly linked Bose Einstein Condensates”, The 1 st International Conference on Quantum manipulation of Photons and Atoms, June 2 to 4, 2007, Beijing, China.

Participation to Workshops and Schools

- 10) “The 7th International Conference on Condensed Matters Theory and Computational Materials Science”, 2008, July, 12-16, Taiyuan, Shanxi, China,
- 9) “School on experimental atom and molecular” 2007, Nov. 6-15, University of Jinlin, ChangChun, China,
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For references, please contact:

- 1) Prof. Jiu-Qing Liang,
Institute of Theoretical Physics, Shanxi University,
Shanxi, TaiYuan, 030006, P. R. China,
Tel.: (86) 0351 7011399, Fax: (86) 0351 7011399,
e-mail: jqliang516@yahoo.com
- 2) Prof. A. Smerzi,
Dipartimento di Fisica, Universita' di Trento, I-38050 Povo, Italy,
Tel.: +39-0461 883924, Fax: +39-0461 881529,
e-mail: smerzi@science.unitn.it or smerzi@cnls.lanl.gov
- 3) Prof. Lev Pitaevskii,
Dipartimento di Fisica, Universita' di Trento, I-38050 Povo, Italy,
Tel.: +39-0461 881529, Fax: +39-0461 881696,
e-mail: lev@science.unitn.it
- 4) Prof. Wu-Ming Liu,
State Key Laboratory for Magnetism, Institute of Physics,
Chinese Academy of Sciences,
Bijing 100080, P. O. Box 603,
P. R. China,
Tel:(86)-010-82649249, Fax: (86)-010-82649485,
e-mail: wmliu@aphy.iphy.ac.cn