

CURRICULUM VITAE

Personal Information

Name : HUNG PHI DO **Gender:** Male
Date of birth : November 20th, 1984
Nationality : Vietnamese
Place of birth : Nam Dinh Province
Marital status : Single
Address : The Abdus Salam International Center for Theoretical Physics (ICTP),
Strada Costiera 11, 34014, Trieste, Italy
Tel: +39-040-2240389 Fax: +39-040-2240388
E-mail: hdo@ictp.it or dphung@iop.vast.ac.vn
Institution : Center for Theoretical Physics – Institute of Physics (IOP), Vietnam
Academy of Science and Technology (VAST), Hanoi, Vietnam

Employment

Junior researcher at Center for Theoretical Physics – Institute of Physics – Vietnam Academy of Science and Technology

Research Interest

Condensed Matter Physics: Mesoscopic systems, strongly correlated electrons, optical electronic properties of nanostructures

Biophysics and Applied Physics: Protein folding, bio-sensor, biological engineering, medical physics, biomedical engineering

Computational Physics: Mote-Carlo simulation, Molecular Dynamics

Conferences and Schools

1. The 14th Vietnam School of Physics (VSOP14) from 03 - 16 January 2008, Quy Nhon, Vietnam
2. The 6th school on Simulation and Modeling Physics, November 2007, Hanoi, Vietnam
3. School on “Photonique et Applications”, VAST-Vietnam and CNRS-France, Hanoi, November 2007, Hanoi, Vietnam
4. The European Summer School in Plasma Physics in Science and Technology (PPST) September 10-21, 2007, Greifswald, Germany

5. **D. P. Hung** , “On the new type of optical bio-sensor from DNA wrapped Carbon nanotubes”, oral presented at 32nd National Conference on Theoretical Physics, August, 2007, Nha Trang, Vietnam
6. The International Summer School on Astrophysics and Cosmology, IAU and HNUE, August 20-27, 2007, Hanoi, Vietnam
7. The School of nanophysics: “Nanophysics: from fundamentals to applications” 2006, Hanoi, Vietnam
8. The 5th school on Simulation and Modeling Physics, November 2006, Hanoi, Vietnam
9. The International Summer School on Astrophysics and Cosmology, IAU and HNUE, August 14-19, 2006, Hanoi, Vietnam
10. School on “Photonique et Applications”, VAST-Vietnam and CNRS-France, Hanoi, August 8-11, 2006, Hanoi, Vietnam
11. The 9th National Physics Olympiad for Students, November 2005, Hanoi, Vietnam

Publications

1. **D.P. Hung**, D. L. Hien, D. T. Nga, N.V. Thanh and N.A. Viet, “On the new type of optical bio-sensor from DNA wrapped Carbon nanotubes”, **Comm. Phys. No. 3, Vol 18, p. 151-156**, 2008
2. Graduate Thesis: “Exciton effect in bio-sensor SWNT wrapped by DNA”, Thesis Supervisor: Nguyen Ai Viet, 2007
3. **Do Phi Hung**, Nguyen Ai Viet, “Exciton effect in bio-sensor based on DNA and SWNT”, The Proceedings of the conference for Students' scientific research, p. **61-68**, Hanoi May-2007, Hanoi National University of Education (HNUE) 2006 – 2007

Skill and Abilities

English	:	Internet-based TOEFL: 82, test date: 17 th August, 2008
Computer	:	- Operating systems: Windows and Linux - Programming languages: Fortran, Mathematica, Matlab, Latex - Graphic Software: Origin, Gnuplot, Xfig, Xmgrace, Xcrysden

Honor and Awards

1. **Odon Vallet Scholarship** given for excellent students for their research, study, and active participation to the 14th Vietnam School of Physics (VSOP14), 2007 – 2008
2. Certificate of Merit, HNUE, given to students having **achieved excellent graduation** level, course 2003-2007
3. **Third prize** in Physics, Department of Physics, HNUE, Students' Conference of Scientific Research, 2007

4. Certificate of Merit, HNUE, given to students having **excellent study results** for all subjects, physics included, school year 2004-2005, 2005-2006
5. Certificate of Merit, **Minister of Education and Training**, given to students having the **Second prize** in the 9th National Physics Olympiad for Students, November 2005, Hanoi, Vietnam

References

1. Prof. Nguyen Ai Viet, Institute of Physics, Vietnam Academy of Science and Technology, Hanoi, Vietnam
E-mail : vieta@iop.vast.ac.vn Phone: +84-4-7669033
2. Prof. Nguyen Van Lien, Institute of Physics, Vietnam Academy of Science and Technology, Hanoi, Vietnam
E-mail : nvlien@iop.vast.ac.vn Phone: +84-4-7660224
3. Prof. Sandro Scandolo, The Abdus Salam ICTP, Strada Costiera 11, 34014, Trieste, Italy
E-mail: scandolo@ictp.it Phone: +39-040-2240209
4. Prof. Ralph Gebauer, The Abdus Salam ICTP, Strada Costiera 11, 34014, Trieste, Italy
E-mail: rgebauer@ictp.it Phone: +39-040-2240344
5. Prof. Mauro Sellitto, The Abdus Salam ICTP, Strada Costiera 11, 34014, Trieste, Italy
E-mail: sellitto@ictp.it Phone: +39-040-2240451
6. Prof. Mukunda P Das, Department of Theoretical Physics, Institute of Advanced Studies, The Australian National University, Canberra, ACT 0200 Australia
E-mail: mukunda.das@anu.edu.au or mpd105@rsphysse.anu.edu.au
7. Prof. Philippe Lecheminant, Laboratory for Theoretical Physics and Modelling (LPTM), University de Cergy-Pontoise (UCP), Cergy-Pontoise, France
E-mail: Philippe.Lecheminant@ptm.u-cergy.fr