1. Name: **NGUYEN VAN DUY**

2. Education

Degree	Field	Institution	Year
Ph.D.	Physics	Grenoble-Alpes, France	2018
M.Sc.	Material Sciecne	University of Science and Technology of Hanoi	2014
B.Sc.	Physics	Hanoi National University of Education	2011

3. Academic experience

Institution	Rank, Title	Year/Period	FT/PT
Phenikaa University	Lecturer	2019 – Present	FT

4. Non-academic experience

N/A

5. Certifications or professional registrations

N/A

6. Current membership in professional organizations

N/A

7. Honors and awards

N/A

8. Service activities

- Coaching students for ACM ICPC contest

9. Briefly list the most important publications and presentations

- Hoang Anh Le, Van Thuong Nguyen, Van Duy Nguyen, Van-Nam Do, Si Ta Ho (2019). Real-Space Approach for the Electronic Calculation of Twisted Bilayer Graphene Using the Orthogonal Polynomial Technique. Communications in Physics, Volume 29, pp 455.
- Long T. Nguyen, Tuan K. Do, Duy V. Nguyen, Trung V. Phan (2022). On the Electrostatic Interaction between Point Charges due to Dielectrical Shielding. Progress In Electromagnetics Research Letters. Volume 107, pp 111-118.
- Duc M. Tran, Duy V. Nguyen, Bin Ho Le, Hung Q. Nguyen (2022). Experimenting quantum phenomena on NISQ computers using high level quantum programming. EPJ Quantum Technology. Volume 9.
- Sy-Ta Ho, Hoang Anh Le, Van Duy Nguyen, Van-Nam Do (2020). Electronic properties of slid bilayer graphene: effective models in low energy range. European Physical Journal B. Volume 93.
- V. Nam Do, H. Anh Le, V. Duy Nguyen, D. Bercioux (2020). Optical Hall response of bilayer graphene: Manifestation of chiral hybridized states in broken mirror symmetry lattices. Physical Review Research.
- Pham Tien Lam, Nguyen Van Duy, Nguyen Tien Cuong (2020). Machine Learning Representation for Atomic Forces and Energies, Volume 36.
- Yu. Krupko, V. D. Nguyen, T. Weißl, É. Dumur, J. Puertas, R. Dassonneville, C. Naud, F. W. J. Hekking, D. M. Basko, O. Buisson, N. Roch, W. Hasch-Guichard (2018). Kerr nonlinearity in a superconducting Josephson metamaterial, Physical Review B, Volume 98.

- D. V. Nguyen, G. Catelani, D. M. Basko (2017). Dissipation in a superconducting artificial atom due to a single nonequilibrium quasiparticle. Physical Review B. Volume 96.
- D. V. Nguyen, D. M. Basko (2017). Inhomogeneous Josephson junction chains: a superconducting meta-material for superinductance optimization. European Physical Journal: Special Topics. Volume 226, pp 1499-1514.

10. Briefly list the most recent professional development activities

- Teaching quantum computing in summer school