

1. Name: LE VAN VINH**2. Education**

Degree	Field	Institution	Year
Ph.D.	Materials Science & Engineering	University of Ulsan, Korea	2010
M.Sc.	Semiconductor Science & Technology	Chonbuk National University, Korea	2002
B.Sc.	Engineering physics	Hanoi University of Science & Technology	1999

3. Academic experience

Institution	Rank, Title	Year/Period	FT/PT
Hanoi University of Science & Technology	Researcher	1999-2000	FT
Hanoi University of Science & Technology	Lecturer	2002-2004	FT
Hanoi University of Science & Technology	Lecturer, Vice Chair of Department	2004-2006	FT
Hanoi University of Science & Technology	Lecturer	2010-2012	FT
Hanoi University of Science & Technology	Lecturer, Vice Chair of Department	2012-2015	FT
Hanoi University of Science & Technology	Assoc. Prof., Vice Chair of Department	2015-2018	FT
Hanoi University of Science & Technology	Assoc. Prof., Chair of Department	2018-2019	FT
Phenikaa University	Assoc. Prof.	2019-now	FT

4. Non-academic experience

N/A

5. Certifications or professional registrations

N/A

6. Current membership in professional organizations

Vietnam Physics Association

7. Honors and awards

- Second prize in the National Young Informatics Talent Competition, 1998.
- Youth Science and Technology Award, Vietnam, 1999
- Excellent Lecturer – Hanoi University of Science & Technology (Teaching, Publications, Research), 2012
- Excellent Lecturer – Hanoi University of Science & Technology (Teaching, Publications, Research), 2013
- Excellent Lecturer – Hanoi University of Science & Technology (Teaching, Publications, Research), 2014
- Excellent Lecturer – Vietnamese Ministry of Education and Training (Teaching, Publications, Research), 2015
- Excellence in reviewing, J. Non-Crystalline Solids, 2013
- Excellent Lecturer – Phenikaa University (Teaching, Publications, Research), 2020
- Excellent Lecturer – Phenikaa University (Teaching, Publications, Research), 2021

8. Service activities (within and outside of the institution)

N/A

9. Briefly list the most important publications and presentations from the past five years

- *Vinh V. Le*, Thi Hinh Dinh & Thao T. Nguyen, Microstructural and Mechanical Properties of Cubic Silicon Nitride: Insights from Molecular Dynamics Simulation, *Journal of Materials Engineering and Performance* 32, (2023). <https://doi.org/10.1007/s11665-023-07824-6>.
- Thi Hinh Dinh, Hyoung-Su Han, Vu Diem Ngoc Tran, *Vinh Le Van* & Jae-Shin Lee, Thermally Stable High EFIS Properties of Ternary Lead-Free BNT-BKT-BZ Piezoelectric Ceramics, *Journal of Electronic Materials* (2023).
- *Vinh Van Le*, Thi Hinh Dinh, Thao T. Nguyen, Ha Thi Thanh Nguyen, The Tensile Deformation of Multiphase Al₂O₃: Insights from Molecular Dynamics Simulations, *Physica Status Solidi B* 259, 2100657 (2022).
- *Vinh V. Le*, Thi Hinh Dinh, Tensile deformation mechanism of amorphous silicon nitride: Insights from molecular dynamics simulations, *Journal of Non-Crystalline Solids* 581, 121381 (2022).
- Thao T Nguyen, *Vinh V Le*, Tensile deformation behaviours of polycrystalline Cu₈₀Ni₂₀ alloy: insights from molecular dynamics simulations, *Molecular Simulation* 48, 1223-1230 (2022).
- Thi Hinh Dinh, *Vinh Le Van*, Vu Diem Ngoc Tran, Thi Thao Nguyen & Ky Nam Pham, Influence of A-site isovalent doping on structural and electrical properties of Bi-based lead-free piezoelectric ceramics, *Journal of the Australian Ceramic Society* 58, 1311–1319 (2022).
- *Vinh V. Le*, Le Thi Hong Lien, Structural and mechanical properties of Al₂O₃.2SiO₂ glass: Insights from molecular dynamics simulations, *Journal of Non-Crystalline Solids* 564, 120840 (2021).
- Vu Diem Ngoc Tran, Lai Hoang Vu, *Vinh Le Van*, Nguyen Ba Hung, Ky Nam Pham, Thi Hinh Dinh, Structure evolution and electrical properties of lead-free Bi_{0.5}Na_{0.41}K_{0.09}TiO₃ piezoceramics by isovalent La doping, *Journal of Materials Science: Materials in Electronics* 32, 4363-4371 (2021).
- Nguyen-Hoang Thoan, Nguyen-Trung Do and Nguyen-Ngoc Trung, *Le-Van Vinh*, The structural correlation, and mechanical properties in amorphous hafnium oxide under pressure, *International Journal of Modern Physics B* 34, 2040149 (2020).
- Thi Hinh Dinh, Hyoung-Su Han, Vu Diem Ngoc Tran, *Vinh Le Van*, Nguyen Ba Hung, Jae-Shin Lee, 0.4% electrostrain at low field in lead-free Bi-based relaxor piezoceramics by La doping, *Journal of Electronic Materials* 49, (2020) 6080-6086.

10. Briefly list the most recent professional development activities

- Reviewers for scientific journals by publishers Elsevier, Springer Nature, Wiley.