

Name	TRINH Hoa Lang		
Position	Lecturer, Department of Nuclear Physics		
Academic Career		<i>Institution</i>	<i>Year</i>
	Doctoral Degree	University of Science, VNUHCM	2014
	Master Degree	University of Science, VNUHCM	2005
	Undergraduate/Bachelor Degree	University of Science, VNUHCM	2001
Employment	<i>Position</i>	<i>Employer</i>	<i>Period</i>
	Lecturer	Faculty of Physics - Engineering Physics	2002 - Present
Research and development projects over the past 5 years	<i>Name of project or research focus</i>	<i>Body funding</i>	<i>Role/ Period</i>
	Investigation of gamma scattering technique for non – destructive testing concrete structures.	VNUHCM	Leader 2015-2016
	VQMC and nucleon-nucleon correlation functions to investigate nuclear energy levels.	VNUHCM	Leader 2022-2023
	The modification of radial single wave function of nucleon – nucleon radial potentials	VNUHCM	Leader 2022-2024
	Studying and developing process of analyzing of environmental radioactivity for gamma spectrometer by full spectrum analysis technique (Funded by VNUHCM-US 2020)	VNUHCM	Member 2020-2022

	Studying method of analyzing of environmental radioactivity for aerosol by gamma spectrometer (Funded by VNUHCM 2021)	VNUHCM	Member 2021-2023
Industry collaborations over the past 5 years	<i>Project titles</i>	<i>Partners</i>	
	None	None	
Patents and proprietary rights	<i>Title</i>	<i>Year</i>	
	None	None	
Important publications over the last 5 years	<i>Selected recent publications from a total of approx.:</i>		
	1. T.Y.H. Huynh, H.N.T. Truong, H.L. Trinh , V.T. Nguyen, C.H. Le, “Improvement of the accuracy of radioactivity analysis using gamma spectroscopy by reducing the compton continuum of 40K gamma spectrum”, Volume 22, No 3 International Journal of Radiation Research, July 2024 2. T.H. Ngan Thy, N.L. Thich, N.T. Cung, T.T. Phuong Dung, H.T. Yen Hong, T.H. Lang , “Assessment of radiological risk due to radioactive contamination in the air for different types of laboratories in Ho Chi Minh City, Vietnam”, Volume 22, No 3 International Journal of Radiation Research, July 2024 3. Thi Yen Hong Huynh, Minh Thuan Nguyen, Huu Ngan Thy Truong, Van Thang Nguyen, Hoa Lang Trinh , “Study on the relationship between soil properties and activity concentrations of radioisotopes in some environmental samples”, Journal of Radioanalytical and Nuclear Chemistry, 2023. 4. Nguyen Dien Quoc Bao*, Le Hoang Chien, Trinh Hoa Lang , Chau Van Tao, “Analysis of 12C+12C scattering using different nuclear density distributions”, Science & Technology Development Journal, 21(3), 2018. 5. Trinh Hoa Lang et al, “Development of FSA to analyze gamma backscattering on concrete”, Science & Technology Development, No.T1- 2017. 6. Trinh Hoa Lang , Chau Van Tao, Le Hoang Lam, Tran Quoc Dung (2016). Positron Annihilation in Mordenite Zeolite. Nuclear Science and Technology Vol. 6, No. 1. 7. Trinh Hoa Lang , Le Cong Hao, Chau Van Tao, Huynh Dinh Chrong, Truong Thi Hong Loan, Nguyen Thi My Da, Le Quoc Bao, Le Thi Ngoc Trang, Tran Kim Tuyet, Nguyen Thi Truc Linh, Luong Thanh Tung, Do Trong Vien (2016). Geant 4 Study of Concrete Density Measurement Using Gamma Backscattering Technique: International Journal of Research in Engineering and Science (IJRES) Vol. 4, No 9, P 52 – 58.		

Activities in specialist bodies over the last 5 years	<i>Organization</i>	<i>Role</i>	<i>Period</i>
	None	None	None
Website	https://phys.hcmus.edu.vn/		