Name	TRAN Quang Trung		
Position	Associate Professor, Department of Solid State Physics		
Academic Career		***Institution***	***Year***
	Doctoral degree	University of Science, VNUHCM	2007
	Master degree	Moncton University - Moncton City - NewBrunswick - Canada	1997
	Undergraduate/bachelor degree	University of Science, VNUHCM	1988
Employment	***Position***	***Employer***	***Period***
	Senior Lecturer	Faculty of Physics - Engineering Physics	1988-Present
Research and development projects over the past 5 years	***Name of project or research focus***	***Body funding***	***Role/ Period***
	Synthesis and research of Graphene quantum dots towards applications in photonics	C2017-18-25	Member 5/2017-5/2019
	Fabrication and investigation of properties of P-type semiconductor tin I oxide (SnO) films by reactive sputtering	C2017-18-01	Member 5/2017-2/2019
	Set-up Real-time photocatalytic measurement system - Application to determine photocatalytic ability of nanostructured materials	T2022-82	Member 8/2022-2/2024
Industry collaborations over the past 5 years	***Project titles***	***Partners***	
	None	None	
Patents and proprietary rights	***Title***	***Year***	
	Programming in Labview (VNUHCM)	2022	

<table>
<tr><td>Important publications over the last 5 years</td><td colspan="3">Selected recent publications from a total of approx.:
1. Pham Hoai Phuong, Huynh Tran My Hoa, Nguyen Hoang Hung, Thanh Giang Le Thuy, Quang Trung Tran, Tran Trung Tin, Duc Anh Dinh, and Tran Viet Cuong. Effect of SnO Composition in SnO/SnO_2 Nanocomposites on the Photocatalytic Degradation of Malachite Green under Visible Light. ChemistrySelect (2021) doi.org/10.1002/slct.202102817
2. T. S. T. Khanh, T. Q. Trung, L. T. T. Giang, T. Q. Nguyen, N. D. Lam, and N. N. Dinh, “Ammonia Gas Sensing Characteristic of P3HT-rGO-MWCNT Composite Films,” Appl. Sci., vol. 11, no. 15, p. 6675, (2021).
3. Pham Hoai Phuong , Hai Dang Ngo, Hieu Trung Bui, Nguyen Ngoc Phuong, An Hoang Thuy Nguyen, Thi Hai Yen Nguyen, Le Thi Tuoi, Quang Trung Tran, Nguyen Manh Tuan. Effect of sodium doping on characteristics of p-SnOx flms prepared by reactive direct current magnetron sputtering. Ceramics International (2022) https://doi.org/10.1016/j.ceramint.2022.01.179
4. Nguyen Thanh Danh, Tran Quang Nguyen, Huynh Van Giang, Nguyen Thi Phuong Thanh, Pham Minh Hieu, Tran Kim Chi, Le Thuy Thanh Giang, Tran Quang Trung. Investigating The Photocatalysis Efficiency Of TiO_2/Phosphorene Hybrid Compound Based On The Cacbon Dioxide Concentration, CASEAN-8 (08/2023)
5. Nguyen Thanh Danh, Nguyen Thi Phuong Thanh, Tran Quang Nguyen, Huynh Van Giang, Tran Kim Chi, Le Thuy Thanh Giang, Tran Quang Trung. Investigating for photocatalytic activity of hybrid TiO_2 /reduced graphene oxide and application in reducing VOCs. The 8th International Workshop on Nanotechnology and Application (IWNA 2023). AMN-015-O.
6. Nguyen Thi Phuong Thanh, Nguyen Thanh Danh, Tran Quang Nguyen, Huynh Van Giang, Tran Kim Chi, Le Thuy Thanh Giang, Tran Quang Trung, “Investigating for photocatalytic activity of hybrid TiO_2/reduced graphene oxide and application in reducing VOCs”, Bulletin of Chemical Reaction Engineering & Catalysis, Volume 19, Issue 1 Year 2024, pages 79-85 (2024).</td></tr>
<tr><td rowspan="2">Activities in specialist bodies over the last 5 years</td><td>Organization</td><td>Role</td><td>Period</td></tr>
<tr><td>None</td><td>None</td><td>None</td></tr>
<tr><td>Website</td><td colspan="3">https://phys.hcmus.edu.vn/</td></tr>
</table>