

Dr. Eng. Evi Suaebah, S. Si. M. Sc.

Position	***Lecturer of Physics in Department of Physics***		
	Degree	***University***	***Year***
Academic career	**Bachelor** at Physics	University of Brawijaya - Indonesia	2005-2009
	Master at Physics	University of Brawijaya – Indonesia National Central University -Taiwan	2009-2012 2010-2011
	Doctoral at Engineering	Waseda University- Japan	2013- 2018
	Government Employer at Ministry of Research, Technology and Higher Education as a Lecturer Institution (now Ministry of Education and Culture)	Universitas Negeri Surabaya - Indonesia	2021- now
Employment	***Position***	***Employer***	***Period***
	Lecturer in Physics study program	Universitas Negeri Surabaya - Indonesia	2021- now
Research and development projects over the last 5 years			
Patents and proprietary rights	**Title**		**Year**
Important publications over the last 5 years	Title		Year
	Aptamer strategy for ATP detection on nanocrystalline diamond functionalized by a nitrogen and hydrogen radical beam system," J. Appl. Phys. 121, 4,044506/1-6 Jan. 2017, DOI: 10.1063/1.4974984. E. Suaebah, Y. Seshimo, M. Shibata, S. Kono, M. Hasegawa, and H. Kawarada.		2017
	Aptamer-Based Carboxyl-Terminated Nanocrystalline Diamond Sensing. Sensors (Basel). 2017 Jul 21;17(7). pii: E1686. doi: 10.3390/s17071686. E. Suaebah, H. Kawarada.		2017
	Role of Carboxyl and Amine Termination on a Boron-Doped Diamond Solution Gate Field Effect Transistor (SGFET) for pH Sensing. Sensors. 2018; 18(7); 2178. S. Falina, E. Suaebah, H. Kawarada.		2018
	Effect of a radical exposure nitridation surface on the charge stability of shallow nitrogen-vacancy centers in diamond. 2018 ; 10(5) Applied Physics Express. T. Kageura, E. Suaebah, H. Kawarada.		2018

	Functionalization of a Diamond Surface through N2 and H2 Irradiation for Estrogen (17β-estradiol) Aptamer Sensing. Sensors and Materials. 2019; 31(4). 1119-1134. E. Suaebah, M. Hasegawa, H. Kawarada.		2019
Activities in specialist bodies	***Organization***	***Position***	***Period***
	Material Research society Applied Physic Letter	Member Member	2016-2017 2021- now