Nadi Suprapto, Ph.D.

Position	***Philosophy of science, Curriculum analysis, and Physics for school Lecturer in Physics Education Study Program***		
	Assistant Professor of Philosophy and Physics Education Curriculum		
	Degree	***University***	***Year***
Academic career	**Bachelor** at Physics Education	Universitas Negeri Surabaya - Indonesia	1999-2003
	Master of Science Education	Universitas Negeri Surabaya - Indonesia	2003-2006
	Doctor of Philosophy in **Science** Education	National Dong Hwa University, Taiwan	2014-2017
Employment	***Position***	***Employer***	***Period***
	Lecturer on Physics Education Study Program	Universitas Negeri Surabaya - Indonesia	2005- now
	Secretary of the Physics Department	Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya - Indonesia	2019-now
	Head of Physics Study Program	Physics Department Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya - Indonesia	2019-now
Research and development projects over the last 5 years (2014-2019)			
	2014: Peningkatan Kualitas Hasil Pembelajaran (*Learning Out Comes*) Mahasiswa Program Pendidikan FMIPA Unesa Melalui Penyesuaian Jenjang Kualifikasi Program Kerangka Kualifikasi Nasional Indonesia (KKNI)-IDR 43.000.000 (research member) **2014:** Pengembangan Pembelajaran Fisika Di SMA Melalui Pertanyaan "LBQ" (*Learning By Questioning*) Untuk Meningkatkan Keterampilan Berpikir, IDR 40.000.000 (research chair) **2018.** Pemetaan profil tugas akhir mahasiswa program studi pendidikan fisika sebagai upaya pemerataan dan pengoptimalan tugas akhir pada seluruh bidang kajian penelitian, IDR 10.000.000 (research member)		

	2018. Pengembangan buku ajar School Curriculum Analysis untuk mahasiswa kelas unggulan Program Studi Pendidikan Fisika Universitas Negeri Surabaya, IDR 10.000.000 (research member) **2019**. Profil jurusan fisika Unesa sebagai pencitraan tri dharma Perguruan Tinggi untuk persiapan visitasi akreditasi 2020- IDR 10.000.000 (research member) **2019**. Pemetaan dan Evaluasi Laboratorium Fisika SMA Di Jawa Timur Dalam Upaya Pencapaian Kompetensi Dasar (KD) Keterampilan Kurikulum 2013 Melalui "Photovoice"- IDR 312.490.000 (research chair) **2019**. Eksplorasi Konsep-Konsep Fisika Berbasis Kearifan Lokal Melalui "Place-Based Education": Optimalisasi Technopark Dan Obyek Wisata Di Jawa Timur – IDR 259.266.000 (research chair)

Patents and proprietary rights	**Title**	**Year**
	Instrumen tes diagnostik berformat four-tier untuk mengidentifikasi profil konsepsi siswa pada materi teori kinetik gas, Hak Cipta | No. Pendaftaran: EC00201976607 |	2019

Important publications over the last 5 years (2014-2019)	Title	Year
	Peningkatan kemampuan mahasiswa dalam mengembangkan perangkat pembelajaran fisika melalui penelaahan perangkat pembelajaran berdasarkan masalah. *JPFA (Jurnal Penelitian Fisika dan Aplikasinya, 5*(2), ISSN 2087-9946	2015
	Promoting science centers by using MOOCs: Model for communicating informal science education, *Man In India, 95*(4)	2015
	Investigating university students' preferences to science communication skills: A case of prospective science teacher in Indonesia, *International Education Studies 9*(8)	2016
	Students' Attitudes towards STEM education: Voices from Indonesian Junior High School, *Journal of Turkish Science Education, 13*(Special Issue)	2016
	College students' conceptions of Newtonian mechanics: A case of Surabaya State University Indonesia, *Chemistry: Bulgarian Journal of Science Education, 25*(5)	2016
	"What should educational reform in Indonesia look like?" Learning from the PISA science scores of East-Asian countries and Singapore, *Asia Pacific Forum on Science Learning and Teaching, 17*(2)	2016
	Conception of learning physics and self-efficacy among Indonesian university students, *Journal of Baltic Science Education, 16*(1)	2017

	One decade of the "lusi" mud volcano: Physical, chemical, and geological dimensions, *Chemistry: Bulgarian Journal of Science Education*	2017
	Pre-service teachers' attitude towards (teaching) science and their science learning at Indonesia Open University, *Turkish Online Journal of Distance Education,*	2017
	The implementation of multiple intelligence in (science) classroom: From empirical into critical, *Pedagogika 126*(2)	2017
	The performance assessment of undergraduate students in physics laboratory by using guided inquiry, *Journal of Physics: Conf. Series 997*	2018
	The effectiveness of flipped classroom learning model in secondary physics classroom setting, *Journal of Physics: Conf. Series 997*	2018
	The Students' misconceptions profile on chapter gas kinetic theory, *Journal of Physics: Conf. Series 997*	2018
	The differences in analysing strategy of viscosity experiment between freshmen and laboratory assistant, *Journal of Physics: Conf. Series 997*	2018
	Correction factors in determining speed of sound among freshmen in undergraduate physics laboratory, *Journal of Physics: Conf. Series 997*	2018
	Analysis of graphical representation among freshmen in undergraduate physics laboratory, *Journal of Physics: Conf. Series 997*	2018
	Exploring physics concepts among novice teachers through CMAP tools, *Journal of Physics: Conf. Series 997*	2018
	The effectiveness of collaborative problem based physics learning (CPBPL) model to improve student's self-confidence on physics learning, *Journal of Physics: Conf. Series 997*	2018
	Minimizing misconception of ionization energy through three-tier diagnostic test, *Periodico Tche Quimica, 30*	2018
	Learn physics using interactive demonstration to reduce the students' misconceptions on mechanical wave, *Advances in Intelligent Systems Research (AISR), 157, 243-247.*	2018
	Pre-service physics teachers' understanding on total lunar eclipse: A response of supermoon on January 31st 2018, *Journal of Physics: Conf. Series 1108.*	2018
	Implementation of Multimodel Active Learning to Improve Basic Teaching Skills of Pre-Service Physics Teachers, *Journal of Physics: Conf. Series 1108.*	2018
	Using Inquiry-Based Laboratory to improve students' Higher Order Thinking Skills (HOTs), *Journal of Physics: Conf. Series 1171*	2019
	Students' responds in using Beboo to learn Static Fluid concept, *Journal of Physics: Conf. Series 1171*	2019
	Demographic sources as a local wisdom: Potency of	2019

	Indonesian physics education researchers in conducting survey research. Journal of Physics : Conference Series (JPCS), *Journal of Physics: Conf. Series 1171*	
	Development and validation of Students' Perception on Learning By Questioning Scale in Physics, *International Journal of Instruction, 12*(2)	2019
	Life Adjustment of International Students in Eastern Taiwan, *Journal of International Students, 9*(2)	2019
	One-stop physics E-Book package development for senior high school learning media, *International Journal of Emerging Technologies in Learning, 14*(19), pp. 150-158	2019
	Exploration of Physics Concepts of Jatim Park: From Classical Physics to Digital Technology, *Journal of Physics: Conference Series volume 1361* article number 012060	2019
	Essential Factors Influencing Preparation of Physics Laboratory in New Curriculum: Photo Voice Study, *Journal of Physics: Conference Series volume 1361* article number 012063	2019
	Pre-Service Physics Teachers' Experiences of Being Member of Photo Voice Project, *Journal of Physics: Conference Series volume 1361* article number 012062	2019
	Epistemological Belief of Physics Students in Finishing Thesis: The Preparation of Being Participatory Action Research, *Journal of Physics: Conference Series volume 1361* article number 012061	2019

Professional Organization	***Organization***	***Position***	***Period***
	Physical Society of Indonesia (PSI)	Member	2018 – Now
	NARST (National Association for Research in Science Teaching)	Member ID: 1013087	2017
	East Asian Association of Science Education (EASE)	Member	2014-2017