

Name	Dr. Heru Harsono, M.Si.		
Position	Associate Professor		
Scopus ID	56922223500		
Link google scholar	https://scholar.google.com/citations?hl=en&user=vtpi8vkAAAAJ		
Academic Career	Doctoral Degree	University	Year
	Material Engineering	Universitas Brawijaya	2016
	Master degree	University	Year
	Physics	ITB	1994
	Undergraduate degree	University	Year
	Physics	Universitas Negeri Malang	1983
Employment	Position	Employer	Period
	Lecturer	FMIPA	1985
Research and development projects over the last 5 years	Name of project or research focus	Funding Sources/amount of financing (in million rupiah)	Period
	Pengembangan Sifat Optik dan Sifat Magnetik Nanopartikel Seng Oksida di doping Mangan (ZnO:Mn) dan Potensi Aplikasinya Untuk Peralatan Spintronik. (Ketua)	Hibah Doktor UB / 50	2019
	Dekomposisi Sinyal Multipath Resolusi Tinggi dengan Sliding FFT. (Anggota)	DPP-SPP / 9.9	2019
	Dekomposisi Sinyal Multipath dengan Analisis White-Noise dan Korelasi. (Anggota)	DPP-SPP / 9.9	2018
	Analisis Sinyal Transduser Ultrasonik Dual Element pada Bahan Multilapis. (Anggota)	DPP-SPP / 9.9	2017
	Efek Konsentrasi Doping Mangan Terhadap Energi Gap dan Sifat Magnetik Nanopartikel $Zn_{(1-x)}Mn_xO$ ($0,00 \leq x \leq 0,25$). (Ketua)	Penelitian Disertasi Doktor / 39.9	2016
	Pengembangan Teknik Pengenalan Citra Obyek Mobil Dengan Transformasi Haar-Like dan Jaringan Syaraf Tiruan. (Anggota)	DPP-SPP / 7.05	2016
	Partners, if applicable		

Published Books	Title	Publisher	Year
Industry collaborations over the last 5 years	Project Titles	Partners	Period
Patents and proprietary rights	Titles		Year
Important publications over the last 5 years	Selected recent publications from a total of approx. (give total number): 6		
	1. Heru Harsono, 2020, Characterization of Crystal Structure and Magnetic Properties of Zn(1-x)MnxO (x=0.086 and 0.090) Nanoparticles Synthesis Result Using Coprecipitation Method (Penulis ke-1), Journal of Nano-And Electronic Physics, 12(4): 04007, (DOI: https://doi.org/10.21272/jnep.12(4).04007)		
	2. Heru Harsono, 2020, First Principles Research on The Magnetic Properties of Na dan Cl Doped ZnO (Penulis ke-4), International Journal of Innovative Technology and Exploring Engineering (IJITE), 9(3S)		
	3. Heru Harsono, 2018, Studi Karakterisasi Sintesis Nanopartikel ZnO Menggunakan Metode Kopresipitasi dengan Varian Konsentrasi dopping Cu. (Penulis ke 2), Jurnal Ilmiah SETRUM, 17(2), (DOI: http://dx.doi.org/10.36055/setrum.v7i2.4513)		
	4. Heru Harsono, 2017, Paramagnetic Zn(1-x)MnxO (0.00≤x≤0.06) Nanoparticles Prepared by The Coprecipitation Method (Penulis ke-1), Transaction on Electronics and Electrical Materials, Korea., 18(1): 46-50, (DOI: http://dx.doi.org/10.4313/TEEM.2017.18.1.46)		
	5. Heru Harsono, 2016, Crystallography, Impurities and Magnetic Properties of Mn-ZnO Nanoparticles Prepared by Coprecipitation Method. (Penulis ke-1), Journal of Nano Research, Trans Tech Publications, Switzerland, 35: 67-76, (DOI: https://doi.org/10.4028/www.scientific.net/JNanoR.35.67)		
	6. Heru Harsono, 2016, Inovasi Peran Mikro-Bioaktivator Dalam Peningkatan Produksi Pupuk Organik Di Desa Karangmelok Kab.Bondowoso. (Penulis ke 3), Jurnal Sinerginitas PKM & CSR, 1(1)		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Himpunan Fisika Indonesia	Anggota	2014-now
	Masyarakat Nano Indonesia	Anggota	2018-now
	Indonesia Magnetic Society	Anggota	2020-now
	Asosiasi Dosen Indonesia	Anggota	2020-now