

STAFF HANDBOOKS



(SCOPUS) (SINTA)

Name	Riser Fahdiran, M.Sc
Position	Lecturer in Physics <i>Education</i> , State University of Jakarta
Educational Backgrounds	<ol style="list-style-type: none"> 1. Bachelor in Physics, State University of Jakarta, Indonesia, graduated in 2005. 2. Masters in Physics, Bandung Institute of Technology, Indonesia, graduated in 2009. 3. On going Doctoral Degrees in Physics, University of Kaiserslautern, Germany
Academic Careers (Employment)	<ol style="list-style-type: none"> 1. Planetarium Staff, Jakarta Planetarium and Observatory, 2005 – 2009. 2. Lecturer and Researcher, Physics Department, State University of Jakarta, Indonesia, 2009 – present. 3. Head of Physics laboratories, Physics Department, State University of Jakarta, Indonesia, 2017 – present. 4. Members of University senate, State University of Jakarta, Indonesia, 2021– present.
Research and Development project over the last 5 years	<ol style="list-style-type: none"> 1. Analysis Thermodynamics On Interaction Laser XUV Intensity Tall With Metal (2017) 2. Interaction Laser XUV Intensity Tall With Nanoparticles Metal(2018) 3. Interaction Laser Intensity Tall With Nanoparticles Metal Functional (2019) 4. Interaction Intensity Laser High With Nanoparticles Metal (2020) 5. Interaction Laser Intensity Tall With Layer Thin Metal Functional(2021)
Industry collaboration/ Community Services over the last 5 years	<ol style="list-style-type: none"> 1. Training OSN coaching for Middle School Teacher (2017) 2. Making Telescope Simple For Observation Object Sky As Tool Help Public Observe Change Season Based Astronomy(2018) 3. Training Making Media Astronomy For Observe Substitution Season In Pandeglang Area (2019)

	<ol style="list-style-type: none"> 4. Training Making Media Astronomy For Observe Substitution Season In Parung Area, Bogor Regency, West Java Province (2020) 5. Training Making Media Astronomy For Learning in School Open Ciracas District, East Jakarta (2021)
Patents and Intellectual Properties Right (IPR)	<ol style="list-style-type: none"> 1. Simulation Spread Ash Volcanic Mountain Tangkuban Boat With Lagrangian PUFF Method (2020)
Important publications over the last 5 years	<ol style="list-style-type: none"> 1. Crystal Structure and Corrosion of Electrodeposited Ni – TiAlN Composite Coatings (Journal of Technology and Social Science 1(2) 54, 2017) 2. Laser Induced Ablation of Aluminum Nanoparticles: A Molecular Dynamics Study (MATEC Web of Conferences 197 04004, 2018) 3. Development of static diesel panel equipped by an active reflector based on LDR sensors (Journal of Physics: Conference Series 1280 (2) , 022071, 2019) 4. The effect of Al Element on Electrochemical Impedance of ZnO Thin Films (Journal of Physics: Conference Series 1428 (1), 012033, 2020)
Activities in Professional organizational over the last 5 years	<ol style="list-style-type: none"> 1. Members and UNJ representative, Physical Society of Indonesia Chapters Jakarta Banten, 2017 – present. 2. Members, Materials Research Society of Indonesia, 2014 – present.