

CURRICULUM VITAE

Personal Identity

Full Name (with title)	Fahmi Mubarok, S.T., M.Sc., Ph.D.
Staff ID Number	
National Lecture Identification Number	
Functional Position	Assistant Professor
Structural Position	
Date of Birth	15 Januari 1978
Email Adress	fahmi@me.its.ac.id , fahmi.mubarok@seramcoatings.com
Office Adress	FKK Building, ITS Campus
Phone Number	+62-8112 8112 40

Education Background

	Bachelor's	Master's	Doctorate
College Name	Bandung Institute of Technology. (ITB)	Technische Universität Hamburg-Harburg (TUHH)	Norwegian University of Science and Technology (NTNU)
Field of Study	Material Engineering Program, Mechanical Engineering Department	Joint European Master in Material Science (EMMS) Programme	Mechanical and Industrial Engineering (MTP)
Graduate Year	2002	2008	2014

Research Field

- Surface properties and characterization of material related to friction, wear and tribology.
- Thermal spraying of different materials, production and characterisation.
- Tribological, friction, and wear testing of coatings and bulk materials.

Master Thesis : Residual Stress Effect on Material Parameters Determined using Huber Neural Network Method (*In collaboration with Institute of Materials Research, GKSS Research Centre*).

Undergraduate Thesis : Effect of Size and Particle Distribution on Physical and Mechanical Properties of Refractory Aluminosilicate.

Disertation : Thermally Sprayed Silicon Carbide Coatings

Training

No.	Year	Tittle	Institution
1	2008	Certified JWES Welding Engineer Level I	Japan Welding Engineering Society (JWES) in collaboration with Indonesia Welding Society (IWS)
2	2002	Certified Wireline Engineer Level	Welltekindo (Geoservice) Training Centre

Research Publication

No	Year	Title
1	2020	Emil Andre Valaker, F Mubarak, N Espallargas, Yttrium Aluminum Garnet Powder Feedstock for Atmospheric Plasma Spray, <i>Journal of Thermal Spray Technology</i> , 29, p955-966
2	2020	Fahmi Mubarak, Putri Intan Usi Fauzia, Sutikno, Ferdiansyah Mahyudin, Dwikora Novembri Utomo, Influence of Thermal Cycling Temperature on the Recrystallization of Cold Rolled Stainless Steel 316L, <i>Key Engineering Materials</i> , 867, 218-223,
3	2020	Fatchur Rozaq, Fahmi Mubarak, Analysis of Condensor Tube Thinning Distribution and their Failure Modes Based on Eddy Current Data, <i>Key Engineering Materials</i> , 867, 140-147
4	2015	F Mubarak, N Espallargas, 'Suspension Plasma Spraying of Sub-micron Silicon Carbide Composite Coatings', <i>Journal of Thermal Spray Technology</i> 24 (5), 817-825