

Prof. Dr.rer.nat. Triwikantoro, M.Sc.

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Professor

EDUCATION

UNDERGRADUATE PROGRAM

University: Institut Teknologi Sepuluh Nopember (ITS), Indonesia

Year of Graduation: 1989

Research Field: Materials Physics

MASTER PROGRAM

University: Universitas Indonesia

Year of Graduation: 1994

Research Field: Materials Science

DOCTORAL PROGRAM

University: Dortmund University, Germany

Year of Graduation: 2001

Research Field: Materials Science

WORK EXPERIENCE

Lecturer – Department of Physics, ITS, Indonesia

Since. 1990 – present

Other Works Experiences

N/A

TEACHING EXPERIENCE

Courses for Undergraduate Program

Physics I and II, Physics of Metals, Materials Science, Nuclear Physics, Physics of Composites, Material Characterization, Physics of Metals, Introduction to Physics of Materials, Corrosion

Courses for Master Program

Mechanics, Composite Materials, Metal Materials, Research Data Analysis, Classical Mechanics, Degradation of Materials

Courses for Doctoral Program

Material Characterization and Analysis, Material Synthesis, Material Structure and Properties, Characterization and Analysis

DESCRIPTION

The research being developed is the synthesis and characterization of the structure of the material, in particular related to the physical and electrochemical properties, as well as the performance of superior materials. The results of this research and development are used as the basis for teaching in accordance with the principles of Laboratory Base Education (LBE). Teaching is carried out in accordance with elective courses in the field of Materials starting from S1, S2 and S3 based on a prepared curriculum.



AFFILIATION

Department of Physics

Faculty of Science and Data Analytics

Institut Teknologi Sepuluh Nopember (ITS)

LABORATORY

Laboratory of Advanced Materials

CONTACT

📍 ITS Campus, Keputih, Sukolilo, Surabaya 60111, INDONESIA

✉️ triwi@physics.its.ac.id

☎️ +62-31-5943351

FIELD OF EXPERTISE

Materials Science, Physics of Metals, Composites

PUBLICATION

SINTA:

<https://sinta.ristekbrin.go.id/authors/detail?id=6036474&view=overview>

SCOPUS:

<https://www.scopus.com/authid/detail.uri?authorId=36992631200>

GOOGLE SCHOLAR:

<https://scholar.google.co.id/citations?user=9FIP8IYAAAAJ&hl=en>