

Malik Anjelh Baqiya, M.Si., Ph.D.

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Assistant Professor

EDUCATION

UNDERGRADUATE PROGRAM

University: Institut Teknologi Sepuluh Nopember (ITS), Indonesia

Year of Graduation: 2006

Research Field: Materials Physics

MASTER PROGRAM

University: Institut Teknologi Sepuluh Nopember (ITS), Indonesia

Year of Graduation: 2008

Research Field: Materials Physics

DOCTORAL PROGRAM

University: Tohoku University, Japan

Year of Graduation: 2015

Research Field: Superconductivity

WORK EXPERIENCE

Lecturer – Department of Physics, ITS, Indonesia

Since. 2008 – present

Other Works Experiences

N/A

TEACHING EXPERIENCE

Courses for Undergraduate Program

Thermodynamics, Physics I and II, Semiconductor Physics, Solid State Physics, Scientific Writing Methods, Mathematical Physics II

Courses for Master Program

Renewable Energy, Semiconductor Materials

Courses for Doctoral Program

Characterization and Material Analysis, Synthesis of Materials

DESCRIPTION

My research interest is focusing on single and nano-crystal syntheses for intrinsic physical properties in oxides and non-oxides, including High-Tc Superconductors and graphene oxides as well as their derivatives. The future topics are developing anti-radar materials and multiferroic films, and "green" synthesis, characterization, and applications of photovoltaic and renewable materials.



AFFILIATION

Department of Physics

Faculty of Science and Data Analytics

Institut Teknologi Sepuluh Nopember (ITS)

LABORATORY

Laboratory of Advanced Materials

CONTACT

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FIELD OF EXPERTISE

Condensed matter physics, magnetic materials, ceramics materials, nanomaterials, superconductivity

PUBLICATION

SINTA:

<https://sinta.ristekbrin.go.id/authors/detail?id=5977279&view=overview>

SCOPUS:

<https://www.scopus.com/authid/detail.uri?authorId=36991836600>

GOOGLE SCHOLAR:

<https://scholar.google.co.id/citations?user=IRmrQK4AAAAJ&hl=en>