



Rudi A. Prihandoko

COMPUTATIONAL MATHEMATICS · WEB ENTHUSIAST

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Education

ITB(Institut Teknologi Bandung)

M.SI. IN MATHEMATICS (MASTER)

GPA 3.58 of 4.00; Fresh Graduate Scholarship Awardee

Bandung, Indonesia

Aug. 2013 - Okt. 2015

ITB(Institut Teknologi Bandung)

S.SI. IN MATHEMATICS (BACHELOR)

GPA 3.17 of 4.00; Beasiswa Unggulan Scholarship Awardee

Bandung, Indonesia

Aug. 2007 - Okt. 2012

Presentation

International Conference on Mathematics: Education, Theory, and Application, 2018

PRESENTER ON PARALLEL TALKS

- The Impact of Wolbachia treatment againsts the plasmodium infection on malaria disease: A Numerical Approach

Surakarta, Indonesia

Oct. 2018

National Seminar on Algebra 2015

PRESENTER ON PARALLEL TALKS

- Introducing Algebraic Geometry Codes as Generalization of Reed-Solomon Codes

Mataram, Indonesia

May. 2015

Experience

Department of Mathematics, UGM

LECTURER

- Computational Mathematics
- Introduction to Numerical Analysis
- Applied Linear Algebra II
- Mathematics for Faculty of Agriculture
- Mathematics for Faculty of Animal Science
- Mathematics II for Faculty of Agricultural Technology
- Algebraic Structure II (Assistant): Grading and tutorial
- Introduction to Analysis I, II (Assistant): Tutorial
- Complex Variable I (Assistant): Tutorial

Yogyakarta, Indonesia

Jul. 2016 - PRESENT

Indonesia Team in International Mathematical Olympiad

TRAINER

- Teaching Euclidean Geometry

Jakarta, Indonesia

Sep. 2007 - Jul. 2019

Graduate Research, ITB (Dr. Budi Rahardjo, Assoc. Prof. Intan Muchtadi)

RESEARCHER

- Polard Rho Attack on Elliptic Curve Cryptography

Bandung, Indonesia

Jun. 2013 - Jun. 2015

Graduate Research on Near Surface Lab, Geophysics ITB (Dr. Darharta Dahrin)

SOFTWARE ENGINEER

- Software for Gravity Acquisition, Processing, Modeling and Simulation

Bandung, Indonesia

May. 2013 - Jun. 2014

Department of Mathematics, ITB

LECTURE ASSISTANT

- Calculus I, Calculus II, Elementary Linear Algebra, Linear Algebra, Geometry, Real Analysis, Algebraic Structure

Bandung, Indonesia

Sep. 2009 - May. 2015

Honors & Awards

INTERNATIONAL

2012	Participant , Mathematical Contest in Modeling/Interdisciplinary Contest in Modeling	<i>Bandung, Indonesia</i>
2011	3rd Prize , International Mathematical Competition	<i>Blageovgrad, Bulgaria</i>
2009	Honourable Mention , International Mathematical Competition	<i>Budapest, Hungary</i>
2007	Honourable Mention , International Mathematical Olympiad	<i>Hanoi, Vietnam</i>
2007	Bronze Medal , Asia Pasific Mathematical Olympiad	<i>Seoul, S.Korea</i>

DOMESTIC

2019-2011	1st Place , Mathematics Analysis and Geometry Day	<i>Bandung, Indonesia</i>
2006	1st Place , National Mathematics Competition UGM	<i>Yogyakarta, Indonesia</i>
2004	Gold Medal , Olimpiade Sains Nasional on Mathematics	<i>Pekanbaru, Indonesia</i>
2003	Silver Medal , Olimpiade Sains Nasional on Mathematics	<i>Balikpapan, Indonesia</i>

Program Committees

2019	Non-Scientific Committee , The 8th South East Asia Mathematical Society (SEAMS-UGM) Conference	<i>Yogyakarta, Indonesia</i>
2014	Non-Scientific Committee , SEAMS School on Module Theory and Its Applications	<i>Bandung, Indonesia</i>
2013-2019	Staff and Problem Writer , National Science Olympiad on Mathematics	<i>Indonesia</i>
2009	Problem Writer , National Science Olympiad on Mathematics	<i>Mataram, Indonesia</i>