

## CURRICULUM VITAE

### A. Identity

Name	Ronaldo Talapessy, S.Si., M.Sc.
Place and Date of Birth	Ambon, 29 July 1982
Gender	Male
NIP / NIDN	19820729 200801 1 007 / 0029078203
Department/Faculty	Physics/Mathematics and Natural Science
Institution	Pattimura University
Nationality	Indonesian
E-mail	<a href="mailto:rellytalapessy@gmail.com">rellytalapessy@gmail.com</a>
Mobile Phone	0821 9751 7221
Office Address	Physics Department, Mathematics and Natural Science (MIPA) Faculty, Pattimura University. Ir. M. Putuhena, Poka, Ambon-Maluku. Indonesia.
Subjects	<ol style="list-style-type: none"> <li>1. Basic Electronics</li> <li>2. Experiment of Basic Electronics</li> <li>3. Digital Electronics</li> <li>4. Physical Instrumentation</li> <li>5. Microcontroller and Data Acquisition System</li> <li>6. Computational Physics</li> <li>7. Modelling Physics</li> </ol>
Research Interest	Electronics and Instrumentation, Control system, Energy management.
Awardee	Indonesia Government (Beasiswa Program Pascasarjana (BPPS) DIKTI 2010, Beasiswa Unggulan Dosen Indonesia (BUDI) Luar Negeri 2016)



### B. Education Background

	Bachelor Degree	Master of Science
University	Pattimura University, Ambon, Indonesia.	Gadjah Mada University (UGM), Yogyakarta, Indonesia.
Department	Physics	Physics (Electronics and Instrumentation)
The Entrance and Graduation	2000-2005	2010-2012
Thesis	The Ekman Surface Water Current at <i>Estalasi</i> Open Sea.	Prototype of Temperature And Humidity Control Tools For <i>Tempe</i> Fermentation.
Supervisor	<ol style="list-style-type: none"> <li>1. Ir. M. Souisa, M.Si</li> <li>2. Ir. J. Wattimury, M.Si</li> </ol>	1. Dr. Suharto, DEA.

### C. Employment

Year	Employment
2014-Present	Researcher from Nanomaterials for Photonics Nanotechnology Laboratory (N4PN Lab.) and Nanotechnology Research Center and Innovative Creation (PPNRI-Lemlit Lab.), Pattimura University, Ambon, Indonesia. ( <a href="http://lemlit.unpatti.ac.id/">http://lemlit.unpatti.ac.id/</a> )
2008-Present	Lecturer in Physics Department, Mathematics and Natural Science Faculty, Pattimura University, Indonesia. ( <a href="http://fisika.fmipa.unpatti.ac.id/ronaldo-talapessy/">http://fisika.fmipa.unpatti.ac.id/ronaldo-talapessy/</a> ).
2005-2007	Instructor in Computer Course, Ambon, Indonesia.

### D. Research Grant

Year	Title	Funded
2009	Solar Energy Potential for Renewable Energy at Ambon Island.	DIPA of Pattimura University, Indonesia.
2012	Optimization of Temperature in a Prototype of Incubation Box.	DIPA of Pattimura University, Indonesia.
2013	Design of Temperature and Humidity Measurement Tools Based on ATmega16-Microcontroller.	-
2014	Monitoring of Type Sediment Using Integration Method on Wailela River in Ambon City.	DIPA of FMIPA, Pattimura University, Indonesia.
2015	The Data Acquisition System for Measurement of Temperature Hot Water Earth Based on Microcontroller.	DIPA of Pattimura University, Indonesia.
2015	Design of Sound Wave Velocity Measurement Tools in Air with Temperature Variation.	-
2015	Design of Light Wavelength Measurement Tools Based on ATmega8535-Microcontroller.	-
2015-2016	Superfibers from Garbage in Nature with Many Type Applications.	DIPA of Pattimura University, Indonesia.

### E. Publications of National / International Journal

Title	Journal	Volume / Number / Year
Water Contaminated CaCO <sub>3</sub> and Its Optical Process of Aggregation	<b>International Journal of Health Medicine and Current Research</b> (doi:10.22301/IJHMCR.2528-3189.102)	1/2016
From Rubbish to a Large Scale Industry: A Simple Fabrication of Superfiber with Multitasking Applications.	<b>Journal of Environmental Science and Engineering B 4</b> (doi:10.17265/2162-5363/2015.11.007)	4/2015
Optimization of Temperature in a Prototype of Incubation Box.	<b>SAINSMAT</b> ( <a href="http://ojs.unm.ac.id/index.php/sainsmat/article/view/747">http://ojs.unm.ac.id/index.php/sainsmat/article/view/747</a> ) (National Journal)	II/ 1/ 2013

Design Of Temperature and Humidity Measurement Tools Based On ATmega16-Microcontroller.	<b>BAREKENG (National Journal)</b>	6/2/ 2013
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#### F. National / International Conference

Year	Title	Publisher
2013	Prototype of Temperature and Humidity Control Tools	Proceedings of The 4 <sup>st</sup> National Conference on Basic Science, Mathematics and Natural Science Faculty (FMIPA), Pattimura University, Ambon, Indonesia. ( <a href="http://ejournal.unpatti.ac.id/ppr_paperinfo_lnk.php?id=502">http://ejournal.unpatti.ac.id/ppr_paperinfo_lnk.php?id=502</a> )
2014	Monitoring of Type Sediment Using Integration Method on Wailela River In Ambon City.	Proceedings of The 5 <sup>st</sup> National Conference on Basic Science, Mathematics and Natural Science Faculty (FMIPA), Pattimura University, Ambon, Indonesia. ( <a href="http://ejournal.unpatti.ac.id/ppr_procd_fmipa_2014.php">http://ejournal.unpatti.ac.id/ppr_procd_fmipa_2014.php</a> )
2015	Simple Technology to Develop Marine Wastes: From a Prototype to a Large Scale Industry	Proceedings of The 1st International Conference on Applied Marine Science and Fisheries Technology (MSFT) August 18-21, 2015 Langgur, Kei Islands, Indonesia.

#### G. Internship and Workshop

Internship / Workshop	Date and Venue
The results of research in Ambon bay 2007	In 2008, LIPI Ambon, Indonesia.
Internship to improve lecturer quality.	From June to October 2009, Bandung Institute of Technology (ITB), Bandung. Indonesia.
E-Learning Module	On March 26 <sup>th</sup> , 2013. Pattimura University, Indonesia.
Writing for International Journal	From 7 to 8 October 2013. Pattimura University, Indonesia.
A blog design on the Internet	From 10 to 11 October 2013. Pattimura University, Indonesia.
One-day seminar: Future Forecasting of World and Indonesia Oceans and It is Wastes Development Product.	On October 27 <sup>th</sup> , 2015. Pattimura University, Indonesia.
Talent Scouting	From 9 to 10 November 2015. Makassar, Indonesia.
IELTS Preparation Programme	From 23 November 2015 to 20 February 2016. Universitas Negeri Yogyakarta, Indonesia.
NEXUS company one-day Internship	On March 31 <sup>st</sup> , 2017. Nexus Co., Ltd. Japan.
Preceed company one-day Internship	On April 26 <sup>th</sup> , 2017. Preceed Co., Ltd. Japan.


## H. Committee

<b>Committee</b>	<b>Position</b>
Evaluation test (odd semester 2012/2013)	Secretary
Dies Natalis XV of MIPA Faculty 2013, Pattimura University, Ambon, Indonesia.	Secretary
Workshop of curriculum based on competence, Physics department, MIPA Faculty, Pattimura University, 2013. Indonesia.	Secretary
Dies Natalis XVI of MIPA Faculty 2014, Pattimura University, Ambon, Indonesia.	Head of Committee
Community service (Kerja Kuliah Nyata) Pattimura University from 2014 to 2016. Indonesia.	Member
Team of academic coordination (TK2A), MIPA Faculty, Pattimura University, 2013. Indonesia.	Secretary
Student Orientation in Pattimura University, 2013. Indonesia.	Member

## I. Community Service

<b>Year</b>	<b>Title</b>	<b>Funded</b>
2013	Socialization of Instrumentation Electronics Based On Microcontroller In Madrasah Tsanawiyah Negeri (MTSN) Batumerah and SLTP Negeri 10 Ambon. Indonesia.	DIPA of Pattimura University, Indonesia. Rp. 5.000.000
2014	Workshop of Instrumentation In SMA Kairatu, Kabupaten Seram Bagian Barat. Indonesia.	DIPA of Pattimura University, Indonesia: Rp.20.000.000

Sincerely,



Ronaldo Talapessy, S.Si., M.Sc.