DAMAR CANGGIH WICAKSONO

PERSONAL INFORMATION

Born in Jakarta, 15 May 1986

damar.wicaksono@gmail.com.com

https://github.com/damar-wicaksono

(M) +41 (0) 78 798 5785

EDUCATION

2013-2018	EPF Lausanne, Switzerland

Doctor of Science

Nuclear Engineering
Thesis: *Bayesian Uncertainty Quantification of Physical Models in Thermal-Hydraulics System Codes*
Description: This thesis explored the idea that money has been the cause of untold anguish and suffering in the world. I found that it has, in fact, not.
Advisors: Prof. James SMITH & Assoc. Prof. Jane SMITH

2010-2012	EPF Lausanne – ETH Zürich, Switzerland

Master of Science

Nuclear Engineering · GPA: 5.52/6.00
Thesis: *Development*
Description: This thesis explored the idea that money has been the cause of untold anguish and suffering in the world. I found that it has, in fact, not.
Advisors: Prof. James SMITH & Assoc. Prof. Jane SMITH

2004-2009	Universitas Gadjah Mada, Indonesia

Bachelor of Engineering

Nuclear Engineering · GPA: 3.92/4.00 · *Cum Laude Graduate*
Description: This degree focussed heavily on important things such as personnel management and mundane paperwork.

WORK EXPERIENCE

2013–2018	Doctoral Assistant

Paul Scherrer Institut / EPF Lausanne

Developed spreadsheets for risk analysis on exotic derivatives on a wide array of commodities (ags, oils, precious and base metals), managed blotter and secondary trades on structured notes, liaised with Middle Office, Sales and Structuring for bookkeeping.
Reference: John MCDONALD · +1 (000) 111 1111 · john@lehman.com

Aug-Nov 2011	Intern

Paul Scherrer Institut

Rated "truly distinctive" for Analytical Skills and Teamwork.
Reference: Bill LUMBERGH +1 (000) 111 1111 · bill@initech.com

Jul-Oct 2011	Intern

Kernkraftwerk Leibstadt AG

Worked in the Nerd Herd and helped to solve computer problems by asking customers to turn their computers off and on again.
Reference: Big MIKE +1 (000) 111 1111 · mike@buymore.com

PUBLICATIONS AND CONFERENCE CONTRIBUTIONS

D. Wicaksono, O. Zerkak, and A. Pautz, "Global Sensitivity Analysis of Transient Code Output applied to a Reflood Experiment Model using TRACE Code," *Nuclear Science and Engineering*, vol. 184, no. 6, 2016.

D. Wicaksono, O. Zerkak, and A. Pautz, "Bayesian Caliration of Thermal-Hydraulics Model with Time-Dependent Output," in the *11th International Topical Meeting on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-11)*, Gyeongju, South Korea, Oct. 9–13, 2016.

D. Wicaksono, O. Zerkak, and A. Pautz, "A Methodology for Global Sensitivity Analysis of Transient Code Output applied to a Reflood Experiment Model using TRACE," in the *16th International Topical Meeting on Nuclear Reactor Thermal-Hydraulics*, Chicago, Illinois, Aug. 30 – Sept. 4, 2015.

D. Wicaksono, O. Zerkak, and A. Pautz, "Sensitivity Analysis of a Bottom Reflood Simulation using the Morris Screening Method," in the *10th International Topical Meeting on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-10)*, Okinawa, Japan, Dec. 14 – 18, 2014.

D. Wicaksono, O. Zerkak, and A. Pautz, "Exploring Variability in Reflood Simulation Results: an Application of Functional Data Analysis," in the *10th International Topical Meeting on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS-10)*, Okinawa, Japan, Dec. 14 – 18, 2014.

COMPUTER SKILLS

Basic	JAVA, Adobe Illustrator
Intermediate	PYTHON, HTML, LaTeX, OpenOffice, Linux, Microsoft Windows
Advanced	Computer Hardware and Support

AWARDS AND ACCOLADES

2015 · Best Student Paper · NURETH-16, American Nuclear Society

2014 · Best Student Paper · NUTHOS-11, Japanese Nuclear Society

2014 · Best 1st Graduate Student · NES PhD Day, Paul Scherrer Institut

2010-2012 · Excellence Scholarship · Federal Commission for Scholarship, Switzerland

2009 · Cum Laude Graduate · Universitas Gadjah Mada, Indonesia

Languages	INDONESIAN	· Mothertongue
	ENGLISH	· Professional fluency
	FRENCH	· Intermediate (B1)
	GERMAN	· Basic (A1.2)

Interests	Reading · Cooking · Hiking · Coding

December 3, 2017