

Thi Viet Ly Nguyen

Curriculum Vitae¹

AFFILIATION

Dalle Molle Institute for Artificial Intelligence (IDSIA, USI/SUPSI) (URL: <http://www.idsia.ch>)

Galleria 2, CH-6928 Manno, Switzerland

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PERSONAL INFORMATION

Nationality: Vietnamese

Private address: Via Zurigo 30, CH-6900 Lugano, Switzerland

Phone: +41 77 912 5499; Languages: Vietnamese, English

EDUCATION

Ph.D. student Since Sept 2013, Faculty of Informatics, Università della Svizzera Italiana (USI), Switzerland

Thesis Topic: “*Optimization for Home Health Care*”

Supervisors: Prof. Roberto Montemanni, Prof. Luca Maria Gambardella, Prof. Laura Pozzi

Master degree Aug 2012, Faculty of Logistics Information Technology, Pusan National University (PNU), South Korea

Thesis Topic: “*Container Packing Problem with Balance Constraints*”

Supervisors: Prof. Il-Kyeong Moon

Bachelor degree Mar 2009, Faculty of Industrial Systems Engineering, Bach Khoa University (BKU), Vietnam

Thesis Topic: “*A Case Study: Reforming and Improving Logistics Performance*”

Supervisors: Dr. Vang Phuc Nguyen Nguyen

RESEARCH INTERESTS

Keywords: Combinatorial Optimization, Operations Research, Applied Optimization, Health Care, Integer Programming Modelling, Metaheuristics, Matheuristics

Statement: My research focus is in developing optimization algorithms for real-world applications.

RESEARCH PROJECTS

Apr 2015 – Present: IDSIA, Switzerland. The project “200020-159202-Robust optimization for home health care”, funded by Swiss National Science Foundation. Supervisors: Prof. Roberto Montemanni and Prof. Luca Maria Gambardella

Apr 2013 – Mar 2015: IDSIA, Switzerland. The project “200020-140315/1-Robust optimization II: applications and theory”, funded by Swiss National Science Foundation. Supervisors: Prof. Roberto Montemanni and Prof. Luca Maria Gambardella

Mar 2010 – Dec 2012: Faculty of Logistics Information Technology, Pusan National University, South Korea. The project “Optimization of Container Packing and Positioning”, Research Center of Logistics Information Technologies, funded by Korean Ministry of Education, Science and Technology, Korea. Supervisor: Prof. Il-Kyeong Moon

GRANTS

Co-author of the proposal for SNSF project Robust Optimization for Home Health Care (CHF 122K)

AWARDS

Second prize of the Best Student Paper Award in the 7th Master’s Thesis Competition at the Conference of the Korean Institute of Industrial Engineers, November 2011, Seoul, Korea

PATENTS

Container Packing Problem with Balance Constraints (co-inventor) - Korean Patent (application number 2011-0082928; filing date 19th Aug 2011; registration date 7th Apr 2014)

TEACHING ASSISTANTSHIP

“Optimization methods”: undergraduate course at USI University. Instructor: Prof. Rolf Krause (Spring 2016)

“Programming fundamentals 1”: undergraduate course at USI University. Instructor: Prof. Nate Nystrom (Fall 2016)

PUBLICATIONS

Complete and updated publication list available at <http://people.idsia.ch/~nguyen/>

and <https://scholar.google.com/citations?user=nguyen>

¹ Last updated on Feb 2017