

CURRICULUM VITAE

PERSONAL DATA

Dr. Phan Minh Thang

Birthday: 15 March 1968

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Gender: Male

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SPECIAL HONORS AND AWARDS

- According to Scopus, my citation is 380 with h-index of 10 (self-citation excluded)
- According to Google Scholar, I have 563 citations with an h-index of 12
- Research Award from Burapha University 2020
- Research Award from Burapha University 2022

WORKING EXPERIENCE

- Faculty at International College of Burapha University, Chonburi, Thailand (Now)
- Researcher at Computer Science and Information Management Program (CSIM) at School of Advanced Technology (SAT), Asian Institute of Technology (AIT), Bangkok, Thailand (2014 - 2015)
- Adjunct Faculty at Undergraduate Program, Asian Institute of Technology (AIT), Bangkok, Thailand (2014 - 2017)
- *Researcher:*
 - *ArguGrid project at Computer Science and Information Management Program (CSIM) at School of Advanced Technology (SAT), Asian Institute of Technology (AIT), Bangkok, Thailand (<http://www.argugrid.eu>) (2006 - 2009)*
Work Specification:
 - Argumentation theory : Develop proof procedures, Implement core argumentation engines.
 - Contract theory for E-commerce: Characterize Agent structure for negotiation and develop argumentation-based contract negotiation protocols.
 - Dispute resolution : Characterized the structures of a contract and its context. Develop mechanisms for resolving disputes and disagreements arising from online contracts.
 - Deliverable reports : Writing reports on research results and submit to EU.
 - Teaching assistant .
 - GeoInformatics Center-Remote Sensing and Geographic Information Systems at SAT, AIT, Bangkok, Thailand (2004 - March 2006)

Work Specification: Develop languages for development of GIS and Remote sensing system.

- *Research associate:*
CSIM at SAT, AIT, Bangkok, Thailand (2001 - 2004)
Work specification: Network and network security.
- freelancer (before 1998)

TEACHING EXPERIENCE

2006-Present

- Discrete Mathematics
- Programming languages and compilers
- Theory of Computation
- Computer Security and Cryptography
- Logic in Computer Science
- Game Theory
- Introduction to Computer Systems
- Introduction to Internet and Web-design
- Advanced Computer Utilization
- Introduction to Information Communication Technology
- Calculus
- Essential Excel
- Ecommerce
- Basic Mathematics

PUBLICATIONS

- **Journal Papers**
 1. *ω -Groundedness of argumentation and completeness of grounded dialectical proof procedures*, *Argument & Computation*, vol. 16(3), pp. 324–361, 2025
Coauthors: Dung P.M., Jiraporn P.
 2. *The Development of a comprehensive performance profiling model for vietnamese golfers*, *Academic Journal of Thailand National Sports University*, vol.17(2), pp 1-18, 2025
Coauthors: Hao T.T.M., Minh Nhat T.V.
 3. *Infinite arguments and semantics of dialectical proof procedures*, *Argument & Computation*, vol. 13, no. , pp. 121-157, 2022
Coauthors: Dung P.M., Jiraporn P.
 4. *Fundamental properties of attack relations in structured argumentation with priorities*. *Artificial Intelligence (AIJ 2018)*, Volume 255, 1-42, Elsevier Press.
Coauthors: Dung P.M.

5. *Representing the semantics of abstract dialectical frameworks based on arguments and attacks*. *Argument & Computation* 9 (3), pp. 249-267 (2018/1/1), IOS Press.
Coauthors: Dung P.M.
6. *Translating preferred subtheories into structured argumentation*. *Journal of Logic and Computation* 24 (4), pp. 831-849.(2014), Oxford University Press.
Coauthor: Luong H.T.
7. *Closure and consistency in logic-associated argumentation*. *Journal of Artificial Intelligence Research*, 49, pp. 79-109.(2014)
Coauthors: Dung, P.M.
8. *Modiso: a Tool for Building Contract Dispute Resolution Systems*. *International Journal on Artificial Intelligence Tools* 21(1): (2012)
Coauthor: Dung P.M., Hung
9. *Inductive Defense For Sceptical Semantics of Extended Argumentation*, *Journal of Logic and Computation*, 21(2): 307-349 (2011), Oxford University Press
Coauthor: Hanh D.D., Dung P.M., Hung N.D.
10. *Modular Argumentation for Modelling Legal Doctrines of Performance Relief*, *Argument & Computational Journal*, Vol. 1, Issue 1, pp 47-69, Taylor & Francis March 2010.
Coauthor: Dung P.M.
11. *Modular Argumentation For Modelling Legal Doctrines in Common Law of Contract*, *Artificial Intelligence and Law Journal*, vol. 17, Issue 3, pp 167-182, Springer Verlag, June, 2009 Coauthor: Dung P.M.
12. *Toward a Common Framework for Dialectical Proof Procedure in Abstract Argumentation* *Journal of Logic and Computation*, Vol. 9, Issue 6, pp 1071-1109, Oxford University Press, June, 2009.
Coauthor: Dung P.M., Hung N.D.
13. *Stabilization of Cooperative information agents in unpredictable environment: a logic programming approach*. *TPLP*, Vol. 6, Number 1-2, pp. 1-22, 2006.
Coauthor: Dung P.M., Hanh D.D.

- **Conference Papers**

1. *European Businesses' AI Application Situation: A Current State Analysis*, 9th TICC Conference, 2025
Coauthor: Kasemsri I., Minh Nhat T.V.
2. *Athlete-Centered Performance Profiling: A Mixed-Methods Approach for Enhancing Collegiate Swimming Performance*. *Sport Science* 2025: 580
Coauthors: Minh Nhat T.V., Hao T.T.M.
3. *On Structured Argumentation with Conditional Preferences*. *Proceedings of the AAAI Conference on Artificial Intelligence*, (33), pp. 2792-2800 (2019/7/17).
Coauthors: Dung P.M., Son T.C.

4. *Dialectical proof procedures for probabilistic abstract argumentation.*
International Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2016), 397-406, Springer International Publishing.
5. *Argumentation-based semantics for logic programs with first-order formulae.*
International Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2016), 43-60, Springer International Publishing.
Coauthor: Dung P.M., Son T.C.
6. *Towards Argument-based Foundation for Sceptical and Credulous Dialogue Games,* COMMA 2012, Vienna, Austria.
Coauthor: Dung P.M., Hung N.D.
7. *Closure and Consistency Rationalities in Logic-Based Argumentation,* LOGIC PROGRAM- MING, KNOWLEDGE REPRESENTATION, AND NONMONOTONIC REASONING Lecture Notes in Computer Science, 2011, Volume 6565/2011, 33-43. Springer Verlag.
Coauthor: Dung P.M.
8. *Towards Probabilistic Argumentation for Jury-based Dispute Resolution,* COMMA10, Third International Conference on Computational Models of Argument, Desenzano del Garda, Italy, 8-10 September, 2010.
Coauthor: Dung P.M.
9. *An Unified Framework for Dialectical Proof Procedures in Argumentation In Proceedings of International Joint conference on Artificial Intelligence (IJCAI 2009) Pasadena, California, USA, Springer Verlag, 2009.*
Coauthor: Dung P.M.
10. *Modular Argumentation for Modeling Legal Doctrines of Performance Relief In Proceedings of the 12th International Conference on Artificial Intelligence and Law (ICAIL09), Barcelona, Spain, ACM Press, June, 2009.*
Coauthor: Dung P.M., Hung N.D.
11. *Stabilization of Information Sharing for Queries Answering in Multiagent Systems In Proceedings of International Conference on Logic Programming (ICLP 2009), Pasadena, California, USA, Springer Verlag, 2009.*
Coauthor: Dung P.M., Hanh D.D.
12. *Modular Argumentation For Modeling Legal Doctrines in Common Law of Contract.* JU- RIX (21st International Conference on Legal Knowledge and Information Systems), Florence, Italy, Frontiers in Artificial Intelligence and Applications, Vol. 189, pp. 108-117, IOS Press, Dec 2008.
Coauthor: Dung P.M.
13. *Argument-based Decision Making and Negotiation in E-business: Contracting a Land Lease for a Computer Assembly Plant.* CLIMA08 (9th International Workshop on Computational Logic in Multi-Agent Systems), Dresden, Germany, Springer Verlag, Sept 2009.

- Coauthor: Dung P.M., Hung N.D.
14. *Towards argumentation-based contract negotiation*. COMMA08 (2nd International Conference on Computational Models of Argument), Toulouse, France, Frontiers in Artificial Intelligence and Applications, Vol. 172, pp. 134-146, IOS Press, May 2008.
Coauthor: Dung P.M., Toni F.
 15. *Towards an Argument-based Model of Legal Doctrines in Common Law of Contracts* CLIMA08 (9th International Workshop on Computational Logic in Multi-Agent Systems), Dresden, Germany, Sept 2009.
Coauthor: Dung P.M.
 16. *A Sound and Complete Dialectical Proof Procedure for Sceptical Preferred Argumentation* Proceedings LPNMR-Workshop on Argumentation and Non-Monotonic Reasoning (ArgNMR07), Arizona, U.S.A, May 2007.
Coauthor: Dung P.M.
 17. *Stepwise development of security protocols: a speech act-oriented approach*. FMSE, pp. 33-44, ACM Press, 2004
Coauthor: Dung P.M.
 18. *A Speech Act-Oriented Paradigm for Key Exchange Protocol Design*. FCS04, pp. 149- 164, 2004
Coauthor: Dung P.M.
 19. *Trust Negotiation with Nonmonotonic Access Policies*. INTELLCOMM, Lecture Notes in Computer Science, Vol. 3283, pp. 70-84, Springer, 2004.
Coauthor: Dung P.M.
 20. *Stabilization of cooperative information agents in unpredictable environment: a logic programming approach*. AAMAS03, pp. 978-979, 2003.
Coauthor: Dung P.M., Hanh D.D.

Education

Doctor of Engineering (2010-2013)

Asian Institute of Technology, Thailand

Field of Study: Information and Computation Technology

Master of Engineering (1998-2000)

Asian Institute of Technology, Thailand

Field of Study: Computer Science

Bachelors in Electrical Engineering (1993)

Kandol Kalman College, Hungary

RESEARCH INTERESTS

- Logic and Argumentation
- Quantum computing