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 332 with h-index of 8 (self-citation excluded)
- According to Google Scholar, I have 427 citations with an h- index of 11

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
- Introduction to Computer Systems
- Introduction to Internet and Web-design
- Advanced Computer Utilization (Game Theory)
- Introduction to Information Communication Technology (Logic and Argumentation)
- Calculus
- Essential Excel

PUBLICATIONS

- **Journal Papers**

  1. *Infinite arguments and semantics of dialectical proof procedures*, Argument & Computation, vol. Pre-press, no. Pre-press, pp. 1-37, 2021
     Coauthors: Dung P.M., Jiraporn P.

  2. *Fundamental properties of attack relations in structured argumentation with priorities.* Artificial Intelligence (AIJ 2018), Volume 255, 1-42, Elsevier Press.
     Coauthors: Dung P.M.

  3. *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.

  4. *Translating preferred subtheories into structured argumentation.* Journal of Logic and Computation 24 (4), pp. 831-849.(2014), Oxford University Press.
     Coauthor: Luong H.T.

  5. *Closure and consistency in logic-associated argumentation.* Journal of Artificial Intelligence Research, 49, pp. 79-109.(2014)
     Coauthors: Dung, P.M.

  6. *Modiso: a Tool for Building Contract Dispute Resolution Systems.* International Journal on Artificial Intelligence Tools 21(1): (2012)
     Coauthor: Dung P.M., Hung

7. *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.

8. *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.

9. *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.

10. *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.

11. *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. *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.

  2. *Dialectical proof procedures for probabilistic abstract argumentation.* International Conference on Principles and Practice of Multi-Agent Systems (PRIMA 2016), 397-406, Springer International Publishing.

  3. *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.

  4. *Towards Argument-based Foundation for Sceptical and Credulous Dialogue Games*, COMMA 2012, Vienna, Austria.
  Coauthor: Dung P.M., Hung N.D.

  5. *Closure and Consistency Rationalities in Logic-Based Argumentation*, LOGIC PROGRAMMING, KNOWLEDGE REPRESENTATION, AND NONMONOTONIC REASONING Lecture Notes in Computer Science, 2011, Volume 6565/2011, 33-43. Springer Verlag.
  Coauthor: Dung P.M.

  6. *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.

  7. *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.

8. *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.

9. *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.

10. *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.

11. *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.

12. *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.

13. *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.

14. *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.

15. *Stepwise development of security protocols: a speech act-oriented approach.* FMSE, pp. 33-44, ACM Press, 2004
    Coauthor: Dung P.M.

16. *A Speech Act-Oriented Paradigm for Key Exchange Protocol Design.* FCS04, pp. 149-164, 2004
    Coauthor: Dung P.M.

17. *Trust Negotiation with Nonmonotonic Access Policies.* INTELLCOMM, Lecture Notes in Computer Science, Vol. 3283, pp. 70-84, Springer, 2004.
    Coauthor: Dung P.M.

18. *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

- System Integration
- Logic and Argumentation
- Information Integration
- Applying AI in Practical Reasoning
- Contract Dispute Resolution
- Decision Making and E-commerce