

References (cited in the lecture slides)

- ❖ N. Asher. A type driven theory of predication with complex types. *Fundamenta Informaticae* 84(2). 2008.
- ❖ N. Asher. *Lexical Meaning in Context: A Web of Words*. Cambridge University Press. 2011.
- ❖ N. Asher and Z. Luo. Formalisation of coercions in lexical semantics. *Sinn und Bedeutung* 17, Paris. 2012.
- ❖ J. Carlström. Interpreting descriptions in intensional type theory. *Journal of Symbolic Logic* 70(2). 2005.
- ❖ R. Casati and A. Varzi. Events: An Annotated Bibliography. 1997. [235 pages]
- ❖ L. Champollion. The interaction of compositional semantics and event semantics. *Linguistics and Philosophy*, 38(1):31–66, 2015.
- ❖ S. Chatzikyriakidis and Z. Luo. Natural Language Inference in Coq. *Journal of Logic, Language and Information*, 23(4). 2014.
- ❖ S. Chatzikyriakidis and Z. Luo. Proof Assistants for Natural Language Semantics. *Logical Aspects of Computational Linguistics 2016 (LACL 2016)*, Nancy. 2016.
- ❖ S. Chatzikyriakidis and Z. Luo (eds.). *Modern Perspectives in Type Theoretical Semantics*. Studies in Linguistics and Philosophy, Springer. 2017.
- ❖ S. Chatzikyriakidis and Z. Luo. Identity criteria of common nouns and dot-types for copredication. *Oslo Studies in Language*, 10(2). 2018.

References (cited in the lecture slides)

- ❖ S. Chatzikyriakidis and Z. Luo. *Formal Semantics in Modern Type Theories*. Wiley/ISTE. 2020.
- ❖ G. Chierchia. Anaphora and dynamic logic. ITLI Publication Series for Logic, Semantics and Philosophy of Language, LP-1990-07. 1990.
- ❖ A. Church. A formulation of the simple theory of types. *J. Symbolic Logic*, 5(1). 1940.
- ❖ R. Clark. Concerning the logic of predicate modifiers. *Noûs*, 4(4), 1970.
- ❖ Coq Development Team. The Coq Proof Assistant Reference Manual (Version 8.0). INRIA, 2004.
- ❖ D. Davidson. The logical form of action sentences. In: S. Rothstein (ed.). *The Logic of Decision and Action*. University of Pittsburgh Press. 1967.
- ❖ P. de Groote. Towards abstract categorial grammars [C]. *Proceedings of the 39th Annual Meeting of the Association for Computational Linguistics*, pages 252–259, 2001.
- ❖ P. de Groote and Y. Winter. A type-logical account of quantification in event semantics. *JSAI International Symposium on Artificial Intelligence*, pages 53–65. 2014.
- ❖ G. Evans. Pronouns, quantifiers and relative clauses. *Canadian Journal of Philosophy* 7(3). 1977.
- ❖ G. Evans. Pronouns. *Linguistic Inquiry*, 11(2). 1980.

References (cited in the lecture slides)

- ❖ P. Geach. Reference and Generality: An Examination of Some Medieval and Modern Theories. Cornell University Press, 1962.
- ❖ J.-Y. Girard. Linear logic. *Theoretical computer science*, 50(1). 1987.
- ❖ M. Gotham. Copredication, quantification and individuation. PhD thesis, University College London. 2014.
- ❖ M. Gotham, M. Composing criteria of individuation in copredication. *J of Semantics*, 34(2). 2017.
- ❖ J. Groenendijk and M. Stokhof. Dynamic predicate logic. *Ling & Phil*, 14(1). 1991.
- ❖ I. Heim. The Semantics of Definite and Indefinite Noun Phrases. PhD thesis, University of Massachusetts. 1982.
- ❖ HoTT. Homotopy Type Theory: Univalent Foundations of Mathematics. The Univalent Foundations Program, Institute for Advanced Study, 2013.
- ❖ H. Kamp. Two theories about adjectives. In E. Keenan, editor, *Formal Semantics of Natural Language*. Cambridge Univ Press, 1975.
- ❖ H. Kamp. Events, instants and temporal reference. In R. Bäuerle, U. Egli, and A. von Stechow (eds.), *Semantics from Different Points of View*. Springer, 1979.
- ❖ H. Kamp. A theory of truth and semantic representation. In J. Groenendijk et al (eds.) *Formal Methods in the Study of Language*, pages 189–222, 1981.
- ❖ Y. Kubota and R. Levine. Type-Logical Syntax. MIT, 2020.

References (cited in the lecture slides)

- ❖ J. Lambek. The mathematics of sentence structure [J]. *The American Mathematical Monthly*, 65(3). 1958.
- ❖ D. Liebesman and O. Magidor. Copredication and Meaning Transfer. *J. of Semantics*, 40. 2023.
- ❖ Z. Luo. *Computation and Reasoning: A Type Theory for Computer Science*. Oxford University Press, 1994.
- ❖ Z. Luo. Coercive subtyping in type theory. *Computer Science Logic (CSL96)*, LNCS 1258. 1997.
- ❖ Z. Luo. Coercive subtyping. *J. of Logic and Computation*, 9(1). 1999.
- ❖ Z. Luo. Type-theoretical semantics with coercive subtyping. *SALT20*. 2010.
- ❖ Z. Luo. Contextual analysis of word meanings in type-theoretical semantics. *Logical Aspects of Computational Linguistics (LACL'2011)*. LNAI 6736, 2011.
- ❖ Z. Luo. Common nouns as types. *LACL'12*, LNCS 7351. 2012.
- ❖ Z. Luo. Formal Semantics in Modern Type Theories: Is It Model-theoretic, Proof-theoretic, or Both? Invited talk at Logical Aspects of Computational Linguistics 2014 (LACL 2014), Toulouse. LNCS 8535, pp177-188. 2014.
- ❖ Z. Luo. A Lambek Calculus with Dependent Types. *TYPES 2015*. Tallinn, May 2015.
- ❖ Z. Luo. Formal Semantics in Modern Type Theories (and Event Semantics in MTT-Framework). Invited talk at LACompLing 2018. Stockholm, 2018.

References (cited in the lecture slides)

- ❖ Z. Luo. Proof irrelevance in type-theoretical semantics. Logic and Algorithms in Computational Linguistics 2018 (LACompLing2018), Studies in Computational Intelligence , Springer, pages 1–15. 2019.
- ❖ Z. Luo. On Type-Theoretical Semantics of Donkey Anaphora. Logical Aspects of Computational Linguistics (LACL21). Montpellier (online), 2021. (An earlier version of the paper, titled "Donkey Anaphora: Type-Theoretic Semantics with Both Strong and Weak Sums", was read in the ESSLLI 2021 Workshop CSTFRS21.)
- ❖ Z. Luo. *Modern Type Theories: Their Development & Applications*. Tsinghua University Press. 2023. (In Chinese)
- ❖ Z. Luo and S. Soloviev. Dependent event types. Proc of the 24th Workshop on Logic, Language, Information and Computation (WoLLIC'17), LNCS 10388. London, 2017.
- ❖ Z. Luo and S. Soloviev. Dependent event types. Manuscript. 2020.
- ❖ Z. Luo, S. Soloviev and T. Xue. Coercive subtyping: theory and implementation. Information and Computation 223. 2012.
- ❖ Z. Luo and Y. Zhang. A Linear Dependent Type Theory. TYPES 2016. Novi Sad, May 2016.
- ❖ P. Martin-Löf. An intuitionistic theory of types: Predicative part. In H. Rose and J. Shepherdson (eds). Logic Colloquium'73. 1975.
- ❖ P. Martin-Löf. *Intuitionistic Type Theory*. 1984.

References (cited in the lecture slides)

- ❖ U. Mönnich. Untersuchungen zu einer konstruktiven Semantik fur ein Fragment des Englischen. Habilitation, University of Tübingen, 1985.
- ❖ R. Montague. English as a formal language. In B. Visentini et al (eds.), *Linguaggi nella società e nella tecnica*. Edizioni di Communita, pages 189-223, 1970.
- ❖ R. Montague. Formal philosophy. Yale Univ Press, 1974. (Collection edited by R. Thomason)
- ❖ M. Moortgat. Typological grammar. Stanford Encyclopedia of Philosophy, 2010.
- ❖ R. Moot and C. Retore. *The Logic of Categorial Grammar*. LNCS 6850. Springer, 2012.
- ❖ R. Oehrle. Term-labelled categorial type systems. *Linguistics and Philosophy* 17(6). 1994.
- ❖ T. Parsons. Some problems concerning the logic of grammatical modifiers. *Synthese*, 21(3/4), 1970.
- ❖ T. Parsons. *Events in the Semantics of English*. MIT, 1990.
- ❖ A. Prior. *Past, Present and Future*. OUP. 1967.
- ❖ J. Pustejovsky. The Generative Lexicon. MIT. 1995.

References (cited in the lecture slides)

- ❖ A. Ranta. *Type-Theoretical Grammar*. Oxford University Press, 1994.
- ❖ C. Retoré. The Montagovian generative lexicon λ Tyn: a type theoretical framework for natural language semantics. Proc of TYPES2013, pages 202–229, 2013.
- ❖ B. Russell. *Introduction to Mathematical Philosophy*. Allen and Unwin, 1919.
- ❖ G. Sundholm. Proof theory and meaning. In D. Gabbay and F. Guenther (eds). *Handbook of Philosophical Logic III: Alternatives to Classical Logic*. 1986.
- ❖ G. Sundholm. Constructive Generalized Quantifiers. *Synthese* 79(1). 1989.
- ❖ R. Tanaka. Generalized quantifiers in dependent type semantics. Talk given at Ohio State University, 2015.
- ❖ J. van Benthem. *The Logic of Time*. 2nd edition, Kluwer. 1991.
- ❖ F. Veltman. Proof systems for Dynamic Predicate Logic. Manuscript, 2000.
- ❖ Y. Winter and J. Zwarts. Event semantics and abstract categorial grammar. In Conference on Mathematics of Language, pages 174-191. Springer, 2011.
- ❖ T. Xue. Theory and Implementation of Coercive Subtyping. PhD thesis, Royal Holloway, University of London, 2013.
- ❖ T. Xue and Z. Luo. Dot-types and their implementation. LACL'12, LNCS 7351. 2012.