

CV 2009-01-28 - Jørgen Villadsen - DTU Informatics

Associate Professor - Director of Studies (MSc in Computer Science and Engineering)

Department of Informatics and Mathematical Modelling - Technical University of Denmark (DTU)

Private: Alsikemarken 5, 2860 Søborg - Born 1965-10-01 - Mail jv@imm.dtu.dk - Homepage imm.dtu.dk/~jv

Research Areas: Logic, Automated Reasoning, Constraint Based Tools, Natural Language Processing, Security

Diplomas

English Course for Teachers, Technical University of Denmark, 2008.

Course in Project Supervision, Roskilde University, 2003.

Education in Didactics and Teaching Methodology, Technical University of Denmark, 2001.

Basic Course in Teaching and Learning, Technical University of Denmark, 2000.

PhD in Computer Science, Technical University of Denmark, 1995.

MSc in Computer Science, Technical University of Denmark, 1989.

Positions

Associate Professor, Department of Informatics and Mathematical Modelling, Technical University of Denmark, 2006...

Associate Professor, Computer Science, Roskilde University, 2002-2006.

Assistant Professor, Department of Informatics and Mathematical Modelling, Technical University of Denmark, 1999-2002.

Software Engineer, Prolog Development Center A/S, 1999.

Senior Scientist (Government Research Institute), Computer Science, Danish Defence Research Establishment, 1997-1999.

Systems Specialist (Project Leader), Computer Systems Department, Tryg-Baltica A/S (Insurance Company), 1994-1996.

Scientist (Government Research Institute), Centre for Language Technology, 1992-1994.

PhD State Scholarship, Department of Computer Science, Technical University of Denmark, 1989-1992.

Student Jobs, UNI-C, Technical University of Denmark & Copenhagen Business School, 1985-1989.

Recent Funded Projects:

- **CONTROL: Constraint Based Tools for Robust Language Processing**
Principal Investigator Henning Christiansen - Danish Natural Science Research Council Grant 2004-2008.
- **HyLoMOL: Hybrid Logic Meets Other Logics**
Principal Investigator Torben Braüner - Danish Natural Science Research Council Grant 2005-2008.
- **Nabla: A Linguistic System Based on Type Theory**
Principal Investigator Jørgen Villadsen - Danish Research Council for the Humanities Book Grant 2009.

Selected Visits Abroad

Centre for Mathematics and Computer Science (CWI), Amsterdam (6 months).

Dae Duck Electronics (IAESTE), South Korea (2 months).

European Organization for Nuclear Research (CERN), Geneva (3 months).

Davies's School of English (EUROCENTRES), London (1 month).

Institute of National Research Council of Italy (CNUCE), Pisa (2 months).

Selected Invited Talks

University of Southern Denmark, Kolding.

Royal Danish Defence College, Copenhagen.

University of Copenhagen (DIKU).

Linköping University, Sweden.

University of Copenhagen Amager (KUA).

Selected Program Committees

Methods for Modalities 2009, Roskilde, Denmark.

Intelligent Systems and Agents 2009, Algarve, Portugal.

Constraints and Language Processing 2008 (Co-Chair), Hamburg, Germany.

Intelligent Systems and Agents 2008, Amsterdam, The Netherlands.

Constraints and Language Processing 2007 (Co-Chair), Roskilde, Denmark.

Hybrid Logic 2007, Dublin, Ireland.

Hybrid Logic 2006, Seattle, USA.

Constraints and Language Processing 2006, Sydney, Australia.

Constraint Solving and Language Processing 2005, Sitges, Spain.

Constraint Solving and Language Processing 2004, Roskilde, Denmark.

Selected Publications 2004-8 - Jørgen Villadsen - DTU Informatics

Sole author unless otherwise stated

International Journal Publications

Natural Language Processing Using Lexical and Logical Combinators.

With Juan Fernández Ortiz. Springer Lecture Notes in Computer Science 4079:444-446 2006

Supra-Logic: Using Transfinite Type Theory with Type Variables for Paraconsistency.

Journal of Applied Non-Classical Logics 15:45-58 2005

A Paraconsistent Higher Order Logic.

Springer Lecture Notes in Computer Science 3249:38-51 2004

Paraconsistent Assertions.

Springer Lecture Notes in Computer Science 3187:99-113 2004

Other Scientific Publications

Nominalistic Logic: From Naive Set Theory to Intensional Type Theory.

In Klaus Robering, Editor, New Approaches to Classes and Concepts.

Volume 14 of Studies in Logic, p. 57-85, College Publications, London, 2008

International Workshop on Constraints and Language Processing.

Editors Jørgen Villadsen & Henning Christiansen - Proceedings 94 p. Hamburg 2008

International Workshop on Constraints and Language Processing.

Editors Henning Christiansen & Jørgen Villadsen - Proceedings 101 p. Denmark 2007

International Workshop on Hybrid Logic.

Editors Patrick Blackburn, Thomas Bolander, Torben Braüner, Valeria de Paiva & Jørgen Villadsen

Elsevier ENTCS 174(6) p. 1-148 2007

Nominalization in Intensional Type Theory.

LICS Short Presentation 2 p. 2006

Notes on Data Structures and Algorithms.

Notes in Computer Science - Roskilde University 50 p. Denmark 2006

International Workshop on Constraint Solving and Language Processing.

Editors Henning Christiansen & Jørgen Villadsen - Proceedings 65 p. Denmark 2005

Constraint Solving and Language Processing.

Editors Henning Christiansen, Peter Rossen Skadhauge & Jørgen Villadsen

Springer LNCS 3438 205 p. 2005

Infinite-Valued Propositional Type Theory for Semantics.

In Handbook of the First World Congress and School on Universal Logic p. 102 Switzerland 2005

International Workshop on Constraint Solving and Language Processing.

Editors Henning Christiansen, Peter Rossen Skadhauge & Jørgen Villadsen - Proceedings 165 p. Denmark 2004

Multi-dimensional Type Theory: Rules, Categories, and Combinators for Syntax and Semantics.

In CSLP Proceedings p. 160-165 Denmark 2004