# Vilém Mathesius Center for Research and Education in Linguistics and Semiotics

Charles University, Prague, Czech Republic



# Introduction

The Vilém Mathesius Center has been established at the Faculty of Philosophy, Charles University, Prague, as an international center of research and teaching in linguistics and semiotics. The Center closely cooperates with *Prague Linguistic Circle*, the founder of which in 1926 was Vilém Mathesius together with R. Jakobson, N. Trubetzkoy, J. Mukařovský and others. The Circle stood at the heart of important developments in structural linguistics and semiotics in the 1930's. The members of the classical Circle were highly involved in international congresses, conferences, and other meetings, prominent specialists from abroad regularly visited the Circle, and the Circle's publications (first of all the series *Travaux du Cercle linguistique de Prague*) belonged to the most important writings of the epoch. From linguistics and the theory of literature, the structuralist approach emanated to other domains of the humanities throughout Europe.

This great tradition has endured even during the troubled times when in Czechoslovakia overt continuation of the Cricle's results was restricted on ideological grounds.

The tradition of the classical Circle has been revived in 1989, thanks to the initiative of Oldřich Leška. Josef Vachek was the honorary chairman of the Circle, before he passed away in March 1996. Several groups of linguists in the Czech Republic have achieved new results based on the classical method of functional structuralism, which are of great interest to the whole of the linguistic and semiotic community in the world<sup>1</sup>.

The very purpose of the Center, now headed by Eva Hajičová, consists in *re-establishing and fostering effective contacts* between the presentday trends in linguistics (including computational linguistics) and semiotics in the West and the contemporary efforts in Central and Eastern Europe. Many well known specialists in the humanities are aware of the fact that among the sources of their own approaches there are ideas connected with the Prague tradition, and are willing to come to Prague as visiting scholars. In the present situation it is eminently important that young scholars in Central and Eastern Europe get good orientation in the recent trends of research, both in theoretical aspects and in computer applications; the lat-

<sup>&</sup>lt;sup>1</sup>E.g., studies in the 'information structure' of the sentence or its 'topic-focus' dichotomy, anchoring the sentence in its context; explicit analysis of the issues of meaning in natural language; dependency syntax as an economical account of the structure of the sentence and its formal specification within the Functional Generative Description.

ter are substantial for future work with computerized text corpora, providing sound basis for language processing, including translation, lexicography, human-computer interaction, and so on. To this aim, the Center organizes regular Lecture Series.

# The Lecture Series

The Lecture Series, which have been organized twice a year (the fifteenth issue coming up in March 2000), consist of a two-week program in which courses are provided by prominent Western and Czech scholars. The courses are attended mainly by students from Central and Eastern Europe (about 30-50 for each cycle), though interest has been shown by Western students as well to attend the high-quality courses. The courses traditionally concentrate on prominent theoretical approaches to language structure and language use, to literature and other domains of art, to aesthetics and semiotics, and to the philosophy of language.

Over the years, renown experts in various fields have come to Prague to lecture about the latest developments: For example, scholars like Emmon Bach, and Barbara Partee (both UMass Amherst), James McCawley (Chicago), Barbara Grosz (Harvard), Charles Fillmore (UC Berkeley), Geoffrey Leech (Lancaster), Wolfgang Dressler (Vienna), Helmut Schnelle (Bochum), Jan Svartvik (Lund), and Hans Kamp (Stuttgart). The Appendix provides a complete overview of all the courses provided thus far.

Since the year 1996 specific Jakobsonian lectures have been included, held by: Oldřich Leška (March 1996), Barbara Partee (August 1996), Emmon Bach (Feburary 1997), Charles Fillmore (November 1997), James Mc-Cawley (March 1998), Joan Bresnan (November 1998), and Jindřich Toman (March 1999).

# The Scientific Board

The Series are organized as a joint activity of three institutes of Charles University, namely the Institute of Formal and Applied Linguistics (Faculty of Mathematics & Physics), the Institute of Theoretical and Computational Linguistics (Faculty of Philosophy), and the Institute of Slavonic Studies (Czech Academy of Sciences).

Guarding over the scientific quality of the Series is the *Scientific Board*, headed by Petr Sgall. The Scientific Board is composed of the following members:

- S. Allén, Swedish Academy, Stockholm
- M. Červenka, Charles University, Prague
- W.U. Dressler, University of Vienna, Vienna
- C. Hagège, Collège de France, Paris
- E. Hajičová, Charles University, Prague
- E.F.K. Koerner, University of Ottawa, Ottawa
- H. Kurzová, Czech Academy of Sciences, Prague
- G. Leech, University of Lancaster, Lancaster
- P. Ramat, University of Pavia
- B. H. Partee, University of Massachusetts, Amherst
- J. Searle, University of California, Berkeley
- H. Schnelle, University of Bochum, Bochum
- P. Seuren, Katholieke Universiteit Nijmegen, Nijmegen
- F. Kiefer, Hungarian Academy of Sciences, Hungary
- L. Waugh, Cornell University, Ithaca

# **Financial Support**

Over the years, the Vilém Mathesius Center has gratefully accepted support from various international foundations and Czech institutions:

- the Open Society Institute, Higher Education Support Program
- the Prague Office of the Higher Education Support Program
- the New Prague Program in Language and Society, in the framework of the New Europe Prize
- the Netherlands Institute for Advanced Studies in the Humanities
- the Central European Initiative
- grants from the Ministry of Education of the Czech Republic

However, in order to ensure the continuity of the efforts of the Center, further support is still needed.

# **Further Contact**

For further information, please contact Professor Eva Hajičová

ÚFAL MFF UK Malostranské nám. 25 118 00 Praha 1 Czech Republic

phone: ++420-2-2191-4252 fax: ++420-2-2191-4309 email: hajicova@ufal.mff.cuni.cz

URL: http://ufal.mff.cuni.cz/vmc

# Appendix: Overview of the Series

Below you find an overview of all the Series that have so far been organized.

#### Lecture Series One - November 1992

The following scholars taught at the first Series of Vilém Mathesius Courses, held in Prague from November 18 until December 1, 1992.

- František Daneš (Prague) The Predicate Structure of Sentence Patterns
- Wolfgang Dressler (Austria) Basic Questions of Morphology
- P. Garvin (USA) Linguistic Anthropology
- P. Hellwig (Germany) Principles of Automatic Syntax Analysis (Parsing)
- Oldřich Leška (Prague) Periodization of the Development of the Prague School
- Pieter Seuren (The Netherlands) Principles and Background of Logical Analysis of Language
- Petr Sgall (Prague) Functional Generative Description of Language

## Lecture Series Two - April 1993

The following scholars taught at the second Series of Vilém Mathesius Courses, held in Prague from April 5 until 16, 1993.

- Edwin L. Battistella (USA) Markedness: The Structure of Language and Beyond
- Wolfgang U. Dressler (Austria) Coherence and Cohesion, Theme in Text: Substantial Evidence from Aphasia and Language Acquisition

• Elmar Holenstein (Switzerland)

(a) Human Equality and Intra- as well as Inter-cultural Diversity; (b) On the Philosophical Background of the Prague Linguistic Circle; (c) A Philosopher's Approach to Language

• Marianne Shapiro (USA)

Rhetoric as Applied Semiotics: (a) Hierarchy and the Structure of Tropes (b) What is Literary Knowledge (c) Word-Meaning and Medieval Rhetoric

- Michael Shapiro (USA) The Sense of Change: Language as History
- Jindřich Toman (USA) Jakobson, Mathesius, Trubeckoj: Attitudes to Linguistics, Culture, and Society
- Miroslav Červenka (Prague) Mukařovský's Divorce from Structuralism
- František Daneš (Prague) Theoretical and Methodological Foundations of Czech Text Linguistics and its Recent Development
- Jan Firbas (Brno) Functional Sentence Perspective in Written and Spoken Communication
- Eva Hajičová (Prague) Topic, Focus, Negation and Presupposition
- Oldřich Leška (Prague) The Meaning of Meaning in the Prague School
- Miroslav Petřiček, Jr. (Prague) Structuralism and Post-Structuralism
- Petr Sgall (Prague) Functional View on Sentence Structure

#### Lecture Series Three - September/October 1993

The following scholars taught at the third Series of Vilém Mathesius Courses, held in Prague from September 20 until October 1, 1993.

• Lubomír Ďurovič (Sweden) Debates about the Phoneme in the 1920's and 1930's and Their Consequences for the Theory of Language

- Walter von Hahn (Germany) The Architecture Problem in Natural Language Processing
- Hans Kamp (Germany) Presupposition, Focus, and Anaphora
- Lauri Karttunen (USA) Recent Advances in Morphology and the Application of Finite-State Networks to Disambiguation
- Jürgen Kunze (Germany) Semantic Emphasis and Verbfield Structures
- Francois Rastier (France) Issues of Semantics
- Helmut Schnelle (Germany) Language and Brain-Constraints in Net-Linguistic Approaches
- Pieter Seuren (The Netherlands) Presupposition Theory and Discourse Semantics
- Linda Waugh (USA) Iconicity, Markedness, and Roman Jakobson's Influence in America
- Dieter Wunderlich (Germany) Interaction of Lexicon and Syntax
- Annie Zaenen (USA) Recent Developments in Lexical Functional Grammar
- František Daneš (Prague) Issues of Text Linguistics
- Eva Hajičová (Prague) From the Topic-Focus Articulation of the Sentence to Discourse Patterns
- Oldřich Leška (Prague) Anton Marty and his Philosophy of Language
- Petr Sgall (Prague) Valency and Sentence Structure

# Lecture Series Four - March/April 1994

The following scholars taught at the fourth Series of Vilém Mathesius Courses, held in Prague in the last week of March and the first week of April 1994.

- Emmon Bach (USA) The Form and Meaning of Complex Words
- Manfred Bierwisch (Germany) The Syntax and Semantics of Argument Structure
- Nicoletta Calzolari (Italy) Computational Lexicology
- Susan Embleton (USA) The Iconic Index in Historical Linguistics
- David Hays (USA) Informatic Modes and Cognitive Ranks
- L. Matějka (USA) Roman Jakobson's Poetics: Moscow-Prague-Cambridge
- Barbara Partee (USA) The Semantics of Quantification and Its Relation to Topic & Focus
- H. Schmid (The Netherlands) Semiotics of Drama
- E. Stankiewicz (USA) On the Poetic Use of Language
- F. Svejkovský (USA) The Early Medieval Theories of Translation of the Vernacular Languages; Forgery as a Phenomenon of Preromantic Literature
- M. Červenka (Prague) Methods of the Study of Verse: Czech Pentameter
- F. Daneš (Prague) The Suprasegmental Component of Language
- E. Hajičová (Prague) Topic-Focus Articulation and Its Semantic Relevance
- O. Leška (Prague) Emil Utitz
- M. Petříček (Prague) Consult with Me Tomorrow
- L. Tondl (Prague) Semiotics of Graphic Communication and Technological Artefacts
- V. Macura (Prague) Semiotics of Everyday Life under Socialims
- Z. Mathauser (Prague) Semiotic Square
- T. Vlček (Prague) The Silent Message of Prague
- P. Sgall (Prague) Valency-Based Approach to Sentence Structure

#### Lecture Series Five - November 1994

The following scholars taught at the fifth Series of Vilém Mathesius Courses, held in Prague from November 14 until 25, 1994.

- S. Atkins (Great Britain) Computational Lexicography
- G.S. Cejtin (Russia) Application-Oriented Approach to Semantics of Natural Language
- C. Fillmore (USA) Lexical Semantics
- M.S. Flier (USA) The Morphophonemics of Change: Evidence from East Slavic
- R. Hausser (Germany) Time-Linear Syntax and Its Semantic Interpretation in LA-Grammar
- F. Kiefer (Hungary) Modality and Aspect
- H.H. Lieb (Germany) New Structuralism: Integrational Linguistics
- W. Mayerthaler (Austria) Aspects of Naturalness in Syntax
- F. Čermák (Prague) Substance of Idioms and Their Identification
- J. Doubravová (Prague) Anticipation through Music
- J. Firbas (Brno) From the Functional Perspective of the Sentence to the Functional Perspective of the Text
- O. Leška (Prague) Vilém Mathesius
- E. Hajičová (Prague) Focus, Presupposition, and Discourse
- I. Osolsobě (Brno)- Semiotics of Drama
- P. Sgall (Prague) Formal Description of Dependency Syntax

#### Lecture Series Six - April 1995

The following scholars taught at the sixth Series of Vilém Mathesius Courses, held in Prague from April 10 until 21, 1995.

- Emmon Bach (USA) Complex Words in Some Native American Languages
- Miroslav Červenka (Prague) Four Dimensions of the Literary Work

- Robin Cooper (Great Britain) Situation Theory and Natural Language Semantics
- Elisabeth Engdahl (Great Britain) Focus-Ground Articulation in HSPG
- Eva Hajičová (Prague) Topic/Focus and Discourse Structure
- Eloise Jelinek (USA) Argument Structure in some Native American Languages: A Typological Perspective
- Aravind Joshi (USA) Supertags: Experimental and Corpus-Based Study
- E.F.K. Koerner (Canada) History of Linguistics and Its Historiography
- Oldřich Leška (Prague) Two Approaches to Phonology in the Classical Period of the PLC; Karcevskij and the Prague School
- Barbara H. Partee (USA) Lexical Semantics and Compositionality
- Manfred Pinkal (USA) Discourse Semantics and Compositionality
- Petr Sgall (Prague) Typology of Languages from the Prague School Viewpoint; Dependency Based Syntax
- Jan Svartvik (Sweden) Corpus Linguistics Comes of Age
- Mark Steedman (USA) Combinators, Grammars, and Discourse Information
- T. Vlček (Prague) Secret Mission of the City

## Lecture Series Seven - November 1995

The following scholars taught at the seventh Series of Vilém Mathesius Courses, held in Prague from November 13 until 24, 1995.

• Barbara Grosz (USA) Computational Models of Discourse Structure

- Patrick Hanks (Great Britain) Analyzing Lexical Behavior in a Large Corpus
- Angelika Kratzer (USA) The Semantics of Voice
- Willem Meijs (The Netherlands) The Computational Lexicon
- Makoto Nagao (Japan) Sentence Parsing Methods; Example-based vs. Rule-based and Knowledgebased MT; Discourse Analysis and Sentence Generation by Systemic Grammar Concept
- Ole Norling-Christensen (Denmark) A Corpus-Based Dictionairy of Contemporary Danish
- Roland Posner (Germany) Semiotic Foundations of Communication and Personality
- Michael Rochemont (Canada) Phonology, Syntax, and Focus
- Elisabeth Selkirk (USA) Focus and Prosodic Structure
- F. Čermák (Prague) Semiotical Aspects of the Lexicon
- E. Hajičová (Prague) From the topic of sentence to the topics of discourse
- O. Leška (Prague) Bohumil Trnka
- P. Sgall (Prague) Sociolinguistic Issues of Czech; Functional Generative Description of Language
- Zdeněk Starý (Prague) Topic From: In the Name of Function and Intervention
- T. Vlček (Prague) Topic from the Semiotics of Arts

#### Lecture Series Eight - April 1996

The following scholars taught at the eighth Series of Vilém Mathesius Courses, held in Prague from April 1 until 12, 1996.

- Nicoletta Calzolari (Italy) Interactions between Lexicon and Corpus
- Margaret Deuchar (Great Britain) Bilingual Acquisition: A Case Study
- Wolfgang Dressler (Austria) Inflection Systems
- Libuše Dušková (Prague) The Treatment of English Grammar by Vilém Mathesius and Bohumil Trnka
- Eva Hajičová (Prague) Topic, Focus, and Discourse Structure
- Julia Hirschberg (USA) Intonational Variation and Intonational Meaning
- Fred Jelinek (USA) The Use of Statistics in Language Understanding
- Margaret King (Switzerland) Evaluation of Language Engineering Systems and Products
- Henry Kučera (USA) Verbal Aspect, A Revisionist View
- Geoffrey Leech (Great Britain) Progress in Corpus Linguistics
- Oldřich Leška (Prague) Conceptions of Phonology in the Prague School
- Barbara H. Partee (USA) Nominal and Temporal Semantic Structure
- Jaroslav Peregrin (Prague) Formal Appraoches to Meaning: From Extension to Context-Change Potential
- Petr Sgall (Prague) Functional Generative Description
- Jindřich Toman (USA) Slavic Clitics

#### Lecture Series Nine - August 1996

The following scholars taught at the ninth Series of Vilém Mathesius Courses, held in Prague from August 5 until 16, 1996.

- V. Borshchev (Russia) Natural Languages and Mathematical Languages: Mutual Perspectives
- J. Firbas (Brno) Functional Sentence Perspective
- E. Hajičová (Prague) One Approach to Discourse Analysis
- M. Krifka(USA) Investigation into the Nature of Focus
- J.D. McCawley (USA) Interface between Grammar and the Lexicon
- B.H. Partee (USA) Formal semantics and lexical semantics: Approaches and bridges
- P. Sgall (Prague) Universal Grammar, valency, and interactivity
- P.A.M. Seuren (The Netherlands) Semantic Syntax
- Ann Copestake and Alex Lascarides (USA/Great Britain) The interaction between pragmatics and the lexicon
- James Pustejovksy and Michael Johnston (USA) Generative Lexicon Theory and the Computational Lexicon
- Werner Saurer (Germany) Representation and inference in DRT
- Igor Mel'čuk (Canada) Linguistic Morphology as a Formal System

## Lecture Series Ten - February 1997

Program of Vilém Mathesius Lecture Series Ten held in Prague from February the 9th until the 22nd, 1997

• Emmon Bach (USA) Varieties of Polysynthesis

- Elisabet Engdahl (Sweden) Recent Developments in Theoretical Syntax
- Fred Jelinek (USA) Stochastic Methods in Linguistics
- Ferenc Kiefer (Hungary) Word Order Reconsidered
- Bente Maegaard (Denmark) Evaluation of Natural Language Processing Products
- Peter W. Nesselroth (Canada) What is Deconstruction and Why Are They Saying Such Terrible Things About It?
- Ellen Prince (USA) Syntax-Discourse Interface
- John Sinclair (Great Britain) Computerized Lexica
- Oliviero Stock (Italy) Chart Parsing and Bidirectionality
- Dietmar Zaefferer (Germany) The Typology of Propositional Coding; The Event-Argument and Other Arguments; Towards a Useful Notion of Valency
- Jan Hajič (Prague) Computerized Corpus of Czech Language
- Eva Hajičová (Prague) Recent Research in Topic-Focus Articulation
- Oldřich Leška (Prague) Czech Structural Linguistics
- Jarmila Panevová (Prague) Dependency Syntax
- Jaroslav Peregrin (Prague) Some Issues of Theoretical Semantics
- Petr Sgall (Prague) Levels of the Language System

#### Lecture Series Eleven - November 1997

Program of Vilém Mathesius Lecture Series Eleven held in Prague from November the 10th until the 21st, 1997

- Sue Atkins (Great Britain): Corpus-Based Lexicography
- František Čermák (Czech Republic): Idioms and Their Identification
- Charles J. Fillmore (USA): Frame Semantics and the Lexicon
- Barbara Grosz (USA): Issues of Discourse Analysis
- Jan Hajič (Czech Republic): Linguistic Annotation of Text Corpora: Needs, Problems, Solutions
- Eva Hajičová (Czech Republic): Topic-Focus Articulation of the Sentence and Its Impact on the Analysis of Discourse
- Aravind Joshi (USA): Lexicalized Grammars: Linguistic, logical, computational, and processing issues
- Jacob Mey (Denmark): Pragmatic Acts
- Jarmila Panevová (Czech Republic): Valency and Functional Generative Description
- Jaroslav Peregrin (Czech Republic): How Can Logic Aid Semantics?
- Paolo Ramat (Italy): Linguistic Categories and Linguists' categorizations
- Helmut Schnelle (Germany): The Structure of Language and the Topography of Language Areas in the Brain
- Petr Sgall (Czech Republic): Towards a General Descriptive Framework
- Arnim von Stechow (Germany): The Formal Semantics of Tense, Aspect, and Mood in Subordinate Constructions in German
- Mark Steedman (USA): The Syntactic Interface

#### Lecture Series Twelve - March 1998

Program of Vilém Mathesius Lecture Series Twelve held in Prague from March 9 until 20, 1998

• Nicholas Asher (USA) - Dynamic Semantics, Discourse Structure and the Pragmatics Interface

- Vladimir Borschev and Barbara H. Partee (USA/Russia) Integrating the Semantics of Lexicon, Syntax, Discourse Structure, and Context
- W.U. Dressler (Austria) Functional Explanation in Linguistics
- Kai von Fintel (USA) The Semantics and Pragmatics of Quantifier Domains
- Eva Hajičová (Prague) Focus in Focus
- Ferenc Kiefer (Hungary) Ways of Explaining Polysemy
- Frederick Jelinek (USA) Advanced Methods of Language Modeling for Speech Recognition
- James D. McCawley (USA) Notions of Syntactic Structure
- James Pustejovsky (USA) The Logic and Metaphysics of Semantic Universals
- Henk van Riemsdijk (The Netherlands) Projections: Functional, Semi-Lexical and Lexical Heads
- Petr Sgall (Prague) A Dependency Based Generative Description
- Jindřich Toman (USA) Theories of Clitics
- Annie Zaenen (France) Complex Predicates, a Typological Approach

# Lecture Series 13 - November 1998

The following lecturers taught at the thirteenth Series of Vilém Mathesius Courses, held in Prague from November the 9th until the 20th, 1998:

- Emmon Bach (USA): Problems of Universal and Parochial Grammar
- Joan Bresnan (USA): Optimal Syntax
- Nicoletta Calzolari (Italy): Corpus Based Lexicon Building
- Bernard Comrie (Germany): (1) Advances in our understanding of relative clauses. (2) Form and function in reference-tracking systems.
  (3) Agreement in Tsez (NE Caucasian): a typological assessment.
- Edward L. Keenan (USA): The Logical Expressive Power of Natural Languages
- Christian Lehmann (Germany) : Typology of possession
- Hans-Heinrich Lieb (Germany): Words and Word Paradigms

- Mitch Marcus (USA): Corpus Linguistics and Corpus Processing
- Karen Sparck-Jones (UK): Information retrieval and language processing
- Bonnie Webber (USA):(1) Approaching Discourse through Lexicalized Grammar. (2) Natural Language Generation in Health Care.
- Frantisek Čermák (Prague): Corpora and Linguistics and the Case of the Czech National Corpus
- Libuše Dušková (Prague): Josef Vachek on Written and Spoken Language
- Jarmila Panevová (Prague): Valency and Functional Generative Description
- Petr Sgall (Prague): Meaning and Underlying Structures

# Lecture Series 14 - March 1999

The following lecturers taught at the fourteenth Series of Vilém Mathesius Courses, held in Prague from March the 1st until the 12th, 1999:

- Bengt Altenberg (Sweden): The Use of Parallel Corpora in Cross-Linguistic Research
- Wolfgang Dressler (Austria): Theory of Language and Theory of Language Change
- Julia Hirschberg (USA): Intonation and Discourse Structure
- Frederick Jelinek (USA): A Structured Language Model and Parser
- Mark Liberman (USA): Tone and Intonation
- Stanley Peters (USA): Quantification in Natural Language
- Mats Rooth (Germany): Issues in the Grammar of Focus and Ellipsis
- Helmut Schnelle (Germany): Language in the Brain: The New Challenge of Linguistic Theory
- Mark Steedman (UK): Intonation and Focus
- Joseph Taglicht (Israel): Intonational Phrasing in English Focusing Structures in English.
- Jindřich Toman (USA): Topics in the Histereography of the Prague Circle

- Ken Turner (UK): Between semantics and pragmatics
- Eva Hajičová (Prague): Topic-Focus and the Sentence
- Jarmila Panevová (Prague): Valency and Functional Generative Description
- Jaroslav Peregrin (Prague): Meanings and Context Change Potentials
- Petr Sgall (Prague): Prague School in the Linguistics of Today

## Lecture Series 15 - March 2000

The following lecturers from abroad have been invited to teach at the fifteenth Series of Vilém Mathesius Courses, be held in Prague, Czech Republic, from March 20 until 31, 2000.

- Anne Abbeillé (France): Topics in the Syntax of Romance Languages
- Nicoletta Calzolari (Italy): Issues on Corpus Linguistics and Computational Lexicons
- Wolfgang Dressler (Austria): Morphopragmatics: A New Subfield Integrating Morphology and Pragmatics
- Elisabet Engdahl: Using Corpora for Comparative Syntactic Research
- Frederick Jelinek (USA): tba (Language Modelling)
- Aravind Joshi (USA): title to be announced
- Lauri Karttunen (France): title to be announced
- Martin Kay (USA): Introduction to Syntactic Processing
- Ferenc Kiefer (Hungary): Between Semantics and Pragmatics
- Barbara Partee (USA) & Vladimir Borschev (Russia): Integrating Compositional and Lexical Semantics: Genitives/Possessives
- Mats Rooth (Germany): Robust Statistical Parsing
- Mark Steedman (UK): Grammar and Information

#### Lecture Series 16 - March 2001

The following lecturers from abroad have been invited to teach at the sixteenth Series of Vilém Mathesius Courses, be held in Prague, Czech Republic, from March 19 until 30, 2001.

- Nicoletta Calzolari (Italy): Semantics and Lexicons in Corpora
- Wolfgang Dressler (Austria): Morphogramatics: A New Subfield Integrating Morphology and Pragmatics
- Julia Hirschberg (USA): Intonation in Spoken Dialogue Systems: Generation and Understanding
- Frederick Jelinek (USA): Language Modelling for Speech Recognition
- Aravind Joshi (USA): Strong Generative Capacity Exploration of a Domain of Locality
- Martin Kay (USA): Some New Approaches to Machine Translation
- Helmut Schnelle (Germany): Language in the Brain
- Oliviero Stock (Italy): Topics in intelligent interactive information presentation
- Ken Turner (England): Conditionals (from different points of view)
- Hans Uszkoreit (Germany): From Interpreted Corpora to Explanatory Theories
- David Yarowsky (USA): Lexical Ambiguity Resolution and Minimally Supervised Learning for NLP

#### Lecture Series 17 - March 2002

The following lecturers from abroad have been invited to teach at the seventeenth Series of Vilém Mathesius Courses, be held in Prague, Czech Republic, from March 11 until 22, 2002.

- Nicoletta Calzolari (Italy): Computational Lexicons and Corpus use: between theory and practice Semantics, multiword expressions, multilingual issues...
- Greville Corbett (UK): Agreement: a typological perspective
- Robert Frank (USA): The Construction of Syntactic Structure in Grammar and Processing
- Frederick Jelinek (USA): Language Modeling for Speech Recognition

- Hans Kamp (Germany): Representation, Computation and Exploitation of Information Structure
- Martin Kay (USA) tba
- Ferenc Kiefer (Hungary): Approaches to morphology
- Geoffrey Leech (UK): Dialogue corpora of English
- Barbara Partee (USA), Vladimir Borschev (Russia): Formal and Lexical Semantics: The Interpretation of Possessives
- Paolo Ramat (Italy): Introduction to (areal) typology

#### Lecture Series 18 - March 2003

The following lecturers from abroad have been invited to teach at the eighteenth Series of Vilém Mathesius Courses, be held in Prague, Czech Republic, from March 9 until 22, 2003.

- Wolfgang Dressler (Austria): Static and Dynamic Morphology
- Julia Hirschberg (USA): Intonation in Spoken Dialogue Systems
- Frederick Jelinek (USA): Language Modeling for Speech Recognition
- Martin Kay (USA): Triangulation: An Approach to Partially Automated Machine Translation
- Ferenc Kiefer (Hungary): Three Ways of Doing Semantics
- Barbara Partee (USA): Integrating Lexical and Compositional Semantics
- Helmut Schnelle (Germany): Language in Mind and Brain
- Mark Steedman (USA): Using Combinatory Categorial Grammar for Wide Coverage Parsing
- Bonnie Webber (USA): Computing Discourse Structure and Discourse Semantics

#### Lecture Series 19 - March 2004

The following lecturers from abroad have been invited to teach at the nineteenth Series of Vilém Mathesius Courses, be held in Prague, Czech Republic, from March 7 until 20, 2004

• Nicoletta Calzolari (Italy): Towards a New Generation of Language Resources

- Guglielmo Cinque: The Internal Structure of Nominal Phrases. The Prenominal Origin of Relative Clauses. Deriving Greenberg's Universal 20 and its Exceptions.
- Radu Florian (USA): Tagging in Natural Language Processing: From Part-of-Speech Tagging to Shallow Parsing
- Frederick Jelinek (USA): New Developments in Language Modelling
- Aravind Joshi (USA): Starting with Complex Primitives Pays off. The Boundary between Sentence and Discourse: Annotation of Discourse Connectives and their Arguments.
- Manfred Krifka (Germany): Optimality Theoretic Pragmatics
- Bente Maegaard (Denmark): Controlled Language. Validation of Computational Lexica
- Makoto Nagao (Japan): The Principles and Basic Methodologies of Machine Translation, and the Current State of the art of MT, Including Example Based MT
- Barbara Partee and Vladimir Borschev (USA, Russia): Formal and Lexical Semantics
- Stuart Shieber (Germany): Resurrecting the Turing Test. Towards a Universal Natural-Language Pipeline.

## Lecture Series 20 - March 2005

The following lecturers from abroad have been invited to teach at the twentieth Series of Vilém Mathesius Courses, be held in Prague, Czech Republic, from March 6 until 13, 2005.

- Olga Babko-Malaya (USA): Semantic annotation of the Proposition Bank project
- Lou Burnard (UK): Varieties of linguistic annotation and their expression in XML. Practical session on using Xaitra to analyze linguistically annotated corpora.
- Eugene Charniak (USA): Statistical machine translation at the tectogrammatical level
- Ed Hovy (USA): The wonderful world of ontologies. What's inside an ontology? Why? How do you build? Automated acquisition of ontological knowledge.

- Aravind Joshi (USA): Discourse connectives and their arguments their annotation, some experimental results, and some issues about transition from sentence structure to immediate discourse structure. Local and non-local dependencies, payoffs of this architecture, illustrated form and LTAG perspective. A new perspective on dependency grammars.
- Maghi King (Switzerland): Accuracy and suitability: new challenges for evaluation

## Lecture Series 21 - November-December 2006

The following lecturers from abroad have been invited to teach at the twentyfirst Series of Vilém Mathesius Courses, be held in Prague, Czech Republic, from November 27 until December 8, 2006.

- Eugene Charniak (Brown University, RI, USA): New results in syntactic parsing
- Ciprian Chelba (Google, Kirkland, WA, USA): Spoken document retrieval
- Fred Jelinek (Johns Hopkins University, Baltimore, MD, USA): New results in statistical methods
- Martha Palmer (University of Colorado at Boulder, CO, USA): Computational Lexical Semantics
- Massimo Poessio (University of Essex, Colchester, United Kingdom): *Empirical* studies of anaphora and salience
- James Pustejovsky (Brandeis University, MA, USA): Empirical Approaches to Compositionality
- Daniel Tihelka, Jan Romportl (West University Plzen, Czech Republic): Introduction to Text-to-Speech Synthesis