

1st INTERNATIONAL PhD SCHOOL IN LANGUAGE AND SPEECH TECHNOLOGIES 2005-2007

Rovira i Virgili University
Research Group on Mathematical Linguistics
Tarragona, Spain

<http://www.grlmc.com>

FOUNDATIONAL COURSES (APRIL–JUNE 2006)

Foundations of Linguistics I: Morphology, Lexicon and Syntax	M. Dolores Jiménez-López, Tarragona
Foundations of Linguistics II: Semantics, Pragmatics and Discourse	Gemma Bel-Enguix, Tarragona
Formal Languages	Carlos Martín-Vide, Tarragona
Declarative Programming Languages: Prolog, Lisp	various researchers at the host institute
Procedural Programming Languages: C, Java, Perl, Matlab	various researchers at the host institute

MAIN COURSES (JULY–DECEMBER 2006)

POS Tagging, Chunking, and Shallow Parsing	Yuji Matsumoto, Nara
Empirical Approaches to Word Sense Disambiguation, Semantic Role Labeling, Semantic Parsing, and Information Extraction	Raymond Mooney, Austin TX
Ontology Engineering: From Cognitive Science to the Semantic Web	M. Teresa Paziienza, Roma
Anaphora Resolution in Natural Language Processing	Ruslan Mitkov, Wolverhampton
Language Processing for Human-Machine Dialogue Modelling	Yorick Wilks, Sheffield
Spoken Dialogue Systems	Diane Litman, Pittsburgh PA
Natural Language Processing Pragmatics: Probabilistic Methods and User Modeling Implications	Ingrid Zukerman, Clayton
Machine Learning Approaches to Developing Language Processing Modules	Walter Daelemans, Antwerpen
Multimodal Speech-Based Interfaces	Elisabeth André, Augsburg
Information Extraction	Guy Lapalme, Montréal QC
Search Methods in Natural Language Processing	Helmut Horacek, Saarbrücken

OPTIONAL COURSES

(FROM THE 5th INTERNATIONAL PHD SCHOOL IN FORMAL LANGUAGES
AND APPLICATIONS)

Tree Adjoining Grammars	James Rogers, Richmond IN
Unification Grammars	Shuly Wintner, Haifa
Context-Free Grammar Parsing	Giorgio Satta, Padua
Probabilistic Parsing	Mark-Jan Nederhof, Groningen
Categorial Grammars	Michael Moortgat, Utrecht
Weighted Finite-State Transducers	Mehryar Mohri, New York NY
Finite State Technology for Linguistic Applications	André Kempe, Xerox, Grenoble
Natural Language Processing with Symbolic Neural Networks	Risto Miikkulainen, Austin TX

STUDENTS:

Candidate students for the programme are welcome from around the world. Most appropriate degrees include Computer Science and Linguistics, but other students (for instance, from Psychology, Logic, Engineering or Mathematics) can be accepted depending on the strengths of their undergraduate training. The first two months of class are intended to homogenize the students' varied background.

In order to check eligibility for the programme, the student must be certain that the highest university degree s/he got enables her/him to be enrolled in a doctoral programme in her/his home country.

TUITION FEES:

1,700 euros in total, approximately.

DISSERTATION:

After following the courses, the students enrolled in the programme will have to write and defend a research project and, later, a dissertation in English in their own area of interest, in order to get the so-called European PhD degree (which is a standard PhD degree with an additional mark of quality). All the professors in the programme will be allowed to supervise students' work.

FUNDING:

During the teaching semesters, funding opportunities will be provided, among others, by the Spanish Ministry for Foreign Affairs and Cooperation (Becas MAEC), and by the European Commission (Alban scheme for Latin American citizens). Additionally, the host university will have a limited amount of economic resources itself for covering the tuition fees and full-board accommodation of a few students.

Immediately after the courses and during the writing of the PhD dissertation, some of the best students will be offered 4-year research fellowships, which will allow them to work in the framework of the host research group.

PRE-REGISTRATION PROCEDURE:

In order to pre-register, one should post (not fax, not e-mail) to the programme chairman:

- a xerocopy of the main page of the passport,
- a xerocopy of the highest university education diploma,
- a xerocopy of the academic record,
- full CV,
- letters of recommendation (optional),
- any other document to prove background, interest and motivation (optional).

SCHEDULE:

Announcement of the programme:	September 12, 2005
Pre-registration deadline:	November 30, 2005
Selection of students:	December 7, 2005
Starting of the classes:	April 18, 2006
Summer break (tentative):	July 25, 2006
Re-starting of the classes (tentative):	September 4, 2006
End of the classes (tentative):	December 22, 2006
Defense of the research project (tentative):	September 14, 2007
DEA examination (tentative):	April 27, 2008

QUESTIONS AND FURTHER INFORMATION:

Please, contact the programme chairman, Carlos Martín-Vide, at carlos.martin@urv.net

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