

5th International PhD School in Formal Languages and Applications

2006

2nd TERM

Class schedule

September 4

11-13 **Fuzzy Formal Languages I**
Claudio Moraga (*University of Dortmund*)

15-17 **Fuzzy Formal Languages II**

September 5

9-11 **Fuzzy Formal Languages III**

11-13 **Fuzzy Formal Languages PRACTICE**

15-17 **Fuzzy Formal Languages PAPER**

September 6

11-13 **Algebraic Techniques in Language Theory I**
Zoltán Ésik (*Rovira i Virgili University*)

15-17 **Algebraic Techniques in Language Theory II**

September 7

9-11 **Algebraic Techniques in Language Theory III**

11-13 **Algebraic Techniques in Language Theory PRACTICE**

15-17 **Algebraic Techniques in Language Theory PAPER**

September 8

16-20 WRITTEN EXAMINATION

September 11

HOLIDAY

September 12

9-11 **String Complexity I**
Lucian Ilie (*University of Western Ontario*)

15-17 **String Complexity II**

September 13

8-10 **String Complexity III**

12-14 **String Complexity PRACTICE**

16-18 **String Complexity PAPER**

September 14

11-13 **Context-Free Grammar Parsing I**

Giorgio Satta (*University of Padua*)

17-19 **Context-Free Grammar Parsing II**

September 15

11-13 **Context-Free Grammar Parsing III**

15-17 **Context-Free Grammar Parsing IV**

September 18

9-11 **Context-Free Grammar Parsing V**

15-17 **Context-Free Grammar Parsing VI**

September 19

9-11 **Context-Free Grammar Parsing PRACTICE**

15-17 **Context-Free Grammar Parsing PAPER**

September 20

9-11 **Parameterized Complexity I**

Jörg Flum (*University of Freiburg*)

15-17 **Parameterized Complexity II**

September 21

9-11 **Parameterized Complexity III**

13-15 **Parameterized Complexity PRACTICE**

17-19 **Parameterized Complexity PAPER**

September 22

15-17 **Probabilistic Parsing I**

Mark-Jan Nederhof (*Rovira i Virgili University*)

17-19 **Probabilistic Parsing II**

September 25

9-11 **Probabilistic Parsing III**

11-13 **Probabilistic Parsing PRACTICE**

15-17 **Probabilistic Parsing PAPER**

September 26

9-11 **Natural Language Processing with Symbolic Neural Networks I**

Risto Miikkulainen (*University of Texas, Austin*)

15-17 **Natural Language Processing with Symbolic Neural Networks II**

September 27

9-11 **Natural Language Processing with Symbolic Neural Networks PRACTICE**

11-13 **Natural Language Processing with Symbolic Neural Networks PAPER**

September 28

NO CLASS

September 29

NO CLASS

October 2

11-13 **Mathematical Evolutionary Genomics I**

David Sankoff (*University of Ottawa*)

15-17 **Mathematical Evolutionary Genomics II**

October 3

8-10 **Mathematical Evolutionary Genomics III**

10-12 **Mathematical Evolutionary Genomics PRACTICE**

12-14 **Mathematical Evolutionary Genomics PAPER**

October 4

16-18 **Parallel Grammars I**
Henning Fernau (*University of Trier*)

18-20 **Parallel Grammars II**

October 5

9-11 **Parallel Grammars III**

13-15 **Parallel Grammars PRACTICE**

17-19 **Parallel Grammars PAPER**

October 6

NO CLASS

October 9

NO CLASS

October 10

NO CLASS

October 11

9-11 **Topics in Asynchronous Circuit Theory I**
Janusz Brzozowski (*University of Waterloo*)

15-17 **Topics in Asynchronous Circuit Theory II**

October 12

HOLIDAY

October 13

9-11 **Topics in Asynchronous Circuit Theory III**

11-13 **Topics in Asynchronous Circuit Theory PRACTICE**

15-17 **Topics in Asynchronous Circuit Theory PAPER**

October 16

9-11 **DNA Computing: Theory and Experiments I**
Natasha Jonoska (*University of South Florida*)

15-17 **DNA Computing: Theory and Experiments II**

October 17

9-11 **DNA Computing: Theory and Experiments III**

15-17 **DNA Computing: Theory and Experiments IV**

October 18

9-11 **DNA Computing: Theory and Experiments V**

16-18 **DNA Computing: Theory and Experiments VI**

October 19

9-11 **DNA Computing: Theory and Experiments VII**

15-17 **DNA Computing: Theory and Experiments VIII**

October 20

11-13 **DNA Computing: Theory and Experiments *PRACTICE***

16-18 **DNA Computing: Theory and Experiments *PAPER***

October 23

NO CLASS

October 24

NO CLASS

October 25

9-11 **Image Compression I**
Jarkko Kari (*University of Turku*)

15-17 **Image Compression II**

October 26

9-11 **Image Compression III**

15-17 **Image Compression IV**

October 27

9-11 **Image Compression *PRACTICE***

15-17 **Image Compression PAPER**

October 30

9-11 **Biomolecular Nanotechnology I**
Max Garzon (*University of Memphis*)

15-17 **Biomolecular Nanotechnology II**

October 31

8-10 **Biomolecular Nanotechnology III**

12-14 **Biomolecular Nanotechnology PRACTICE**

16-18 **Biomolecular Nanotechnology PAPER**

November 1

HOLIDAY

November 2

9-11 **Weighted Automata I**
Manfred Droste (*University of Leipzig*)

15-17 **Weighted Automata II**

November 3

11-13 **Weighted Automata III**

15-17 **Weighted Automata IV**

November 4 (Saturday, Imperial Tàrraco)

10-12 **Weighted Automata PRACTICE**

12-14 **Weighted Automata PAPER**

November 6

11-13 **Categorical Grammars I**
Michael Moortgat (*Utrecht University*)

15-17 **Categorical Grammars II**

November 7

11-13 **Categorical Grammars III**

15-17 **Categorical Grammars IV**

November 8

9-11 **Categorial Grammars V**

11-13 **Categorial Grammars PRACTICE**

15-17 **Categorial Grammars PAPER**

November 9

9-11 **Unification Grammars I**
Shuly Wintner (*University of Haifa*)

11-13 **Unification Grammars II**

15-17 **Unification Grammars III**

November 10

9-11 **Unification Grammars IV**

11-13 **Unification Grammars V**

15-17 **Unification Grammars VI**

November 11 (Saturday, Imperial Tàrraco)

10-12 **Unification Grammars PRACTICE**

12-14 **Unification Grammars PAPER**

November 13

NO CLASS

November 14

11-13 **Grammatical Inference I**
Colin de la Higuera (*University of Saint-Étienne*)

15-17 **Grammatical Inference II**

November 15

11-13 **Grammatical Inference III**

15-17 **Grammatical Inference IV**

November 16

11-13 **Grammatical Inference V**

15-17 Grammatical Inference VI

November 17

11-13 Grammatical Inference PRACTICE

15-17 Grammatical Inference PAPER

November 20

11-13 Sequential Pattern Matching I
Thierry Lecroq (*University of Rouen*)

15-17 Sequential Pattern Matching II

November 21

9-11 Sequential Pattern Matching III

11-13 Sequential Pattern Matching PRACTICE

15-17 Sequential Pattern Matching PAPER

November 22

11-13 Cryptography I
Valtteri Niemi (*Nokia Research Center*)

15-17 Cryptography II

November 23

11-13 Cryptography III

15-17 Cryptography IV

November 24

9-11 Cryptography V

11-13 Cryptography PRACTICE

15-17 Cryptography PAPER

November 27

11-13 Splicing Systems I
Paola Bonizzoni (*University of Milan Bicocca*)

15-17 Splicing Systems II

November 28

9-11 **Splicing Systems III**

11-13 **Splicing Systems PRACTICE**

15-17 **Splicing Systems PAPER**

November 29

11-13 **Mathematical Foundations of Learning Theory I**

Satoshi Kobayashi (*University of Electro-Communications, Tokyo*)

15-17 **Mathematical Foundations of Learning Theory II**

November 30

9-11 **Mathematical Foundations of Learning Theory III**

11-13 **Mathematical Foundations of Learning Theory PRACTICE**

15-17 **Mathematical Foundations of Learning Theory PAPER**

December 1

11-13 **An Introduction to the Theory of Finite Transducers I**

Jacques Sakarovitch (*École Nationale Supérieure des
Télécommunications, Paris*)

15-17 **An Introduction to the Theory of Finite Transducers II**

December 4

11-13 **An Introduction to the Theory of Finite Transducers III**

15-17 **An Introduction to the Theory of Finite Transducers IV**

December 5

9-11 **An Introduction to the Theory of Finite Transducers V**

11-13 **An Introduction to the Theory of Finite Transducers PRACTICE**

15-17 **An Introduction to the Theory of Finite Transducers PAPER**

December 6

HOLIDAY

December 7

9-11 **Data Compression I**

Wojciech Rytter (*Warsaw University*)

11-13 **Data Compression II**

15-17 **Data Compression III**

December 8

HOLIDAY

December 9 (Saturday, Imperial Tàrraco)

10-12 **Data Compression PRACTICE**

12-14 **Data Compression PAPER**

December 11

11-13 **Automata for Verification I**

Moshe Vardi (*Rice University, Houston*)

15-17 **Automata for Verification II**

December 12

9-11 **Automata for Verification III**

11-13 **Automata for Verification PRACTICE**

15-17 **Automata for Verification PAPER**

December 13

11-13 **Cellular Automata I**

Martin Kutrib (*University of Giessen*)

15-17 **Cellular Automata II**

December 14

9-11 **Cellular Automata III**

11-13 **Cellular Automata PRACTICE**

15-17 **Cellular Automata PAPER**

December 15

11-13 **Quantum Automata I**

Jozef Gruska (*Masaryk University, Brno*)

15-17 **Quantum Automata II**

December 18

9-11 **Quantum Automata III**

11-13 **Quantum Automata PRACTICE**

15-17 **Quantum Automata PAPER**

December 19

11-13 **Aqueous Computing I**
Tom Head (*Binghamton University*)

15-17 **Aqueous Computing II**

December 20

11-13 **Aqueous Computing III**

15-17 **Aqueous Computing IV**

December 21

9-11 **Aqueous Computing V**

11-13 **Aqueous Computing PRACTICE**

15-17 **Aqueous Computing PAPER**

December 22

9-13 WRITTEN AND ORAL EXAMINATION