

## English Courses in the summer semester 2011

### Computer Science

| <i>ID</i> | <i>Lecturer</i>  | <i>Title</i>  | <i>Kind</i> | <i>Hrs/Week</i> |
|-----------|------------------|---|-------------|-----------------|
| 342202    | Biere            | Advanced Model Checking   | VO          | 2.00            |
| 365034    | Hochreiter       | Bioinformatics II: theoretical Bioinformatics and machine learning        | VO          | 4.00            |
| 365035    | Schwarzbauer     | Bioinformatics II: theoretical Bioinformatics and machine learning        | UE          | 2.00            |
| 365029    | Regl             | Bioinformatics III: structural Bioinformatics and gene analysis           | KV          | 2.00            |
| 366200    | Strumpfen        | Computer Architecture 2   | VO          | 2.00            |
| 366202    | Liu              | Computer Architecture 2   | UE          | 1.00            |
| 366203    | Liu              | Computer Architecture 2   | UE          | 1.00            |
| 366205    | N.               | Computer Architecture 2   | UE          | 1.00            |
| 364012    | Bimber           | Computer Graphics   | VO          | 2.00            |
| 364008    | Birklbauer       | Computer Graphics   | UE          | 1.00            |
| 364014    | Anthes           | Computer Graphics   | UE          | 1.00            |
| 364017    | Danch            | Computer Graphics   | UE          | 1.00            |
| 367057    | Khalil           | Cooperative Systems   | VO          | 2.00            |
| 367058    | Khalil           | Cooperative Systems   | UE          | 1.00            |
| 367059    | Khalil           | Cooperative Systems   | UE          | 1.00            |
| 343350    | Egyed            | Engineering of Software-intensive Systems                                 | KV          | 2.00            |
| 342215    | Biere            | Formal Models   | VO          | 2.00            |
| 342218    | Lonsing          | Formal Models   | UE          | 1.00            |
| 342219    | Lonsing          | Formal Models   | UE          | 1.00            |
| 342220    | Seidl            | Formal Models   | UE          | 1.00            |
| 342221    | Seidl            | Formal Models   | UE          | 1.00            |
| 364009    | Bimber           | Information Displays  | VO          | 2.00            |
| 365054    | Bodenhofer       | Introduction to R with applications to bioinformatics                     | KV          | 2.00            |
| 344009    | Widmer           | Machine Learning and Pattern Classification                               | KV          | 3.00            |
| 364005    | Anthes           | Mixed Reality Systems   | KV          | 3.00            |
| 340039    | Ferscha          | Pervasive Computing Systems Development                                   | VO          | 2.00            |
| 340001    | Ferscha          | Pervasive Computing Systems Development                                   | UE          | 1.00            |
| 342244    | Biere            | Practical in Computer Science   | PR          | 5.00            |
| 367054    | Kotsis           | Practical in Computer Science   | PR          | 5.00            |
| 343354    | Rabiser          | Product Line Engineering  | KV          | 2.00            |
| 342213    | Biere            | Project Practical: Bachelor Project                                       | PR          | 5.00            |
| 364018    | Danch/Birklbauer | Project Practical   | PR          | 5.00            |
| 367036    | Kotsis           | Project Practical   | PR          | 5.00            |
| 364025    | Danch/Birklbauer | Seminar in Computer Science: Computer Vision                              | SE          | 2.00            |
| 366270    | Strumpfen        | Seminar in Computer Science: Computer Architecture                        | SE          | 2.00            |
| 367015    | Kotsis           | Seminar in Computer Science   | SE          | 2.00            |
| 344029    | Schedl           | Seminar in Pervasive Computing  | SE          | 2.00            |
| 367028    | Khalil           | Software Development II   | UE          | 2.00            |
| 367029    | Khalil           | Software Development II   | UE          | 2.00            |
| 343352    | Egyed/Grünbacher | Software Processes and Tools  | KV          | 2.00            |
| 342254    | Biere            | Special Topics in Computer Science: Verification                          | KV          | 3.00            |
| 344301    | Schedl           | Special Topics in Computer Science: Music Information Retrieval           | KV          | 3.00            |
| 364027    | N.               | Special Topics in Computer Science: Visual Computing                      | KV          | 2.00            |
| 353008    | Putzinger        | Special Topics in Networks and Security: Avoiding Stranded IT-Investments | KV          | 1.00            |
| 353019    | Eschelbeck       | Special Topics in Networks and Security: System Security                  | KV          | 3.00            |
| 339014    | Porubän          | Special Topics in Software Engineering: Attribute-oriented Programming    | KV          | 1.00            |
| 339305    | Lightfoot        | Special Topics in Software Engineering: Formal Specification of Software  | KV          | 2.00            |
| 339323    | Schaffler-Glößl  | Special Topics in Software Engineering: Programming Java EE6              | VO          | 1.00            |
| 339324    | Würthinger       | Special Topics in Software Engineering: VMs: Java HotSpot and Google V8   | KV          | 1.00            |
| 365036    | Klambauer        | Special Topics on Bioinformatics: Population Genetics                     | KV          | 2.00            |
| 339403    | Mössenböck       | System Software   | KV          | 2.00            |
| 367051    | N.               | Unconventional User Interaction   | VO          | 2.00            |
| 367052    | N.               | Unconventional User Interaction   | UE          | 1.00            |
| 353029    | Praher           | Wireless LANs   | KV          | 1.00            |

### Theoretical Computer Science / Mathematics

| <i>ID</i> | <i>Lecturer</i> | <i>Title</i>                               | <i>Kind</i> | <i>Hrs/Week</i> |
|-----------|-----------------|--|-------------|-----------------|
| 326007    | Popov           | Algebraic and Discrete Methods in Biology  | KV          | 2.00            |
| 326009    | Paule           | Algorithmic combinatorics                  | VO          | 2.00            |
| 326043    | Pillwein        | Algorithmic combinatorics                  | UE          | 1.00            |
| 326212    | Winkler         | Commutative algebra and algebraic geometry | VO          | 4.00            |
| 326214    | Winkler         | Commutative algebra and algebraic geometry | UE          | 1.00            |
| 326027    | Schreiner       | Formal semantics of programming languages  | VO          | 2.00            |

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|--------|-------------|--|----|------|
| 326054 | Popov       | Functional programming   | KV | 2.00 |
| 326003 | Pechstein   | Fundamentals of Numerical Analysis and Symbolic Computation          | KV | 2.00 |
| 326045 | Paule       | Lecture series symbolic computation                                  | VO | 1.00 |
| 326041 | Bosa        | Practical software technology  | KV | 4.00 |
| 326062 | Windsteiger | Programming in Mathematica   | KV | 2.00 |
| 326049 | Hemmecke    | Programming project: Computer algebra, Logic, and Software design II | KV | 2.00 |
| 326096 | Paule       | Project seminar: Algorithmic combinatorics II                        | SE | 2.00 |
| 326098 | Jebelean    | Project seminar: Automated Theorem Proving II: Theorema              | SE | 2.00 |
| 326035 | Winkler     | Project seminar: Computer algebra II                                 | SE | 2.00 |
| 326065 | Winkler     | Rewriting in computer science and logic                              | VO | 2.00 |
| 326753 | Winkler     | Seminar: Computer Algebra II   | SE | 2.00 |
| 326079 | Rolletschek | Seminar: Set Theory and Logical Foundations II                       | SE | 2.00 |
| 326068 | Pau         | Software engineering   | KV | 2.00 |
| 32600D | Schneider   | Special Functions II: Symbolic Summation and Special Functions       | UE | 1.00 |
| 326097 | Kutsia      | Special topics: Automated Reasoning Systems                          | VO | 2.00 |
| 326039 | Kauers      | Special topics: Computer Algebra II: Groebner Bases                  | VO | 2.00 |
| 32600E | Popov       | Special topics: Formal Languages and Formal Grammars                 | VO | 2.00 |
| 326076 | Schreiner   | Special topics: Formal Models for Parallel and Distributed Systems   | VO | 2.00 |
| 326081 | Pillwein    | Special topics: Orthogonal Polynomials and Symbolic Computation      | VO | 2.00 |
| 326080 | Schneider   | Special topics: Symbolic Linear Algebra                              | VO | 2.00 |
| 326095 | Paule       | Special topics: Symbolic Summation and Special Functions II          | VO | 2.00 |

#### Legend

|    |                                       |
|----|---------------------------------------|
| VO | Lecture                               |
| UE | Exercises                             |
| KV | Combined Course (Lecture + Exercises) |
| SE | Seminar                               |
| PR | Practical Lab                         |