# **Examiniation regulations for the Master Course of Study Visual Computing**

As of January 26<sup>th</sup>, 2006

Based on § 59 of Act No. 1556 on Saarland University (University Act – UG) from June 23<sup>rd</sup>, 2004 (Official Gazette, p. 476) the University of Saarland Faculty of Natural Sciences I has issued the following examination regulations for the consecutive Master course of study Visual Computing, which are hereby promulgated:

#### § 1 Scope, Competence

These regulations concern the examinations for the Master course of study Visual Computing at Saarland University. The Faculty of Natural Sciences I (mathematics and information studies) of Saarland University is responsible for the organisation of lectures, studies and examinations.

#### § 2 Basic Principles

The Visual Computing study course is a research-oriented one-subject-Master course of study according to the University of Saarland examination regulations framework for Bachelor and Master study courses (BMRPO) from December 15<sup>th</sup>, 2004, article 5. The study course consists of different courses belonging to the categories lectures with or without tutorials as well as seminars. The term "course" corresponds to the term "module" as defined by BMRPO. A final thesis, the Master's thesis, is obligatory for each graduate of the Master study course. Credits ("credit points") are assigned to each study course, representing the course's scope, whereby one credit equals 30 hours of study (in course or self-study). At the end of each study course there is a – mostly graded - exam. Each passed exam taken in the course of studies is part of the Master's examination. The Master's course of study includes courses totalling a minimum of 90 credits, as well as the Master's thesis with a scope of at least 30 credits. Within the different course categories there are specific regulations as to minimum credits to be earned.

#### § 3 Objective of the Study Course

It is the objective of this research oriented Master course to prepare for a demanding occupation in national and international research and development in the field of Visual Computing.

#### § 4 Standard Duration of Study

- (1) The standard period of study for this Master course until graduation is four semesters for full-time students and six semesters for part-time students.
- (2) The examination regulations and the relevant study regulations are set up in such a way as to enable students to graduate within the standard period of study.

## § 5 Examination Board

- (1) In order to perform tasks set forth in these regulations an examination board is formed consisting of the following members, which are elected by the council of the Faculty of Natural Sciences and Technology I for two years respectively:
  - 1. three representatives of the group of university lecturers
  - 2. one representative of the group of academic staff
  - 3. one representative of the group of students with limited voting rights
- (2) Members of the group of students only have limited voting rights with respect to decisions concerning the evaluation of the Bachelor's or Master's exams as long as they themselves do not have the appropriate qualification.
- (3) The members shall be represented by a personal deputy. According to clause 1 No. 1 to 3 the members and their deputies shall be elected by the Council of the Faculty on nomination of each membership group for a duration of two years. The members may be re-elected once. In case of one member or deputy member leaving prematurely, a substitute may be elected for the remainder of the term. Deputy members as well as voted-in members may be re-elected.
- (4) The examination board shall elect his chair as well as his deputy chair from the members of the examination board according to § 1, clause 1 No. 1 and 2.
- (5) The examination board shall ensure compliance with the regulations of the Master examination regulations. The board may, in general or in specific cases, transfer its responsibilities to the chair.
- (6) The examination board constitutes a quorum if its members have been duly summoned and the majority of the voting members is present. Decisions shall require a majority of the votes cast by the voting members in attendance. The vote of the chair shall be decisive in the case of a tie
- (7) The members of the examination board, as well as the substitute members, shall be obliged to maintain strict secrecy according to § 17 clause 2 of the University of Saarland Fundamental Order.
- (8) The members of the examination board shall be entitled to attend exams in progress.

#### § 6 Examiners and Assessors

- (1) The examiners and assessors are appointed by the examination board or by the chair on its behalf
- (2) Examiners shall be appointed from amongst the full professors, junior professors, university lecturers, retired or honorary professors, freelance lecturers and associate professors of the Saarland University who are involved with the Visual Computing study course in terms of content. In special cases the following may also be appointed as examiners: full-time teachers, research assistants, researchers, part-time lecturers for the sector concerned and professors at other universities, as well as researchers from DFKI (German Research Institute for Artificial Intelligence) or MPI (Max-Planck Institute for Computer Science and Software Systems) located on campus.
- (3) In the case of partial examinations, the lecturers of the specific courses act as examiners.
- (4) Any person with a Diploma or Master's degree in one of the subjects relevant for the examination from a German or coequal university may be appointed assessor.

## §7 Examinations and Examination Performance

- (1) The final examination for the Master's degree consists of several exams and a final (Master's) thesis. The examinations take place during the time of study and each generally refers to one specific semester course.
- (2) Each course includes a in most cases graded exam, which shall be taken no later than at the start of the following semester. A passed exam fulfills the requirements of a course, and the candidate is awarded the corresponding credits.
- (3) Exams are in either oral or written form and may take place in several parts on different dates, seminar lectures and papers or a combination of these forms. The form and duration of the examination for any course is to be announced at the beginning of the respective course. In the case of a combined form, the students shall also be advised as to the credit weight of the different parts. Candidates shall be given at least three weeks' advance notice of the exam dates.
- (4) No later than one month after the examination date, the students shall be notified of the examination results, which shall also be on file in the examination board's office.

- (5) The length of oral examinations shall generally be 15 to 30 minutes for each candidate. They shall be taken before two examiners or one examiner in the presence of an expert assessor. Minutes shall be taken of the essential subject matter and results of the examination. The examiner shall consult the assessor before determining the grade. The minutes shall be signed by both examiners, or by the examiner and the assessor. In the case of oral examinations, space permitting, students of the same course of study may be admitted as listeners, provided that the examination candidate gives his/her consent. However, student listeners shall not be admitted to the consultation between the examiners or the announcement of the results.
- (6) Written examinations (supervised tests, home assignments, seminar papers, project documentations and implementations) shall be assessed by an expert examiner. Supervised tests shall generally last between 90 and 120 minutes, but may also be up to 180 minutes. The time granted for any home assignments, seminar papers, project documentations and implementations shall be announced at the beginning of the respective course.
- (7) Decisions on objections raised against an examination grade shall be made by the examination board after hearing the responsible examiner.
- (8) An examination shall be held in the same language as the corresponding course. Examiners and candidates must approve for other languages to be possible.
- (9) Should a candidate submit a medical certificate certifying that he/she is unable to take the exam in full or in part in the intended form due to lasting health problems, the examination board chair shall permit the candidate to deliver an equivalent exam in a different format.
- (10) Students shall be enabled to claim the statutory periods of maternity leave, leave for new parents and leave required in order to fulfill family obligations (care of an underage child or looking after relatives in need of constant care).

### §8 Transfer of Credits and Examination Results

- (1) Credits and examination results of an equivalent course of study at a university or an institution of higher education of the same status within the scope of the German Higher Education Framework Act shall be recognized without an equivalence examination. Certificates of equivalent value (Bachelor, Master, and Diploma) within a Computer Visualistic or Visual Computing study course shall be recognized without an equivalence examination.
- (2) Credits and examination results of other courses of study shall be recognized provided that equivalence has been established. This will be determined by overall consideration and an overall assessment, rather than by schematic comparison. Concerning recognition of credits and examination results obtained outside the Federal Republic of Germany, the equivalence agreements reached by the conference of Ministers of Education, the conference of university principals, as well as agreements between universities, shall be observed.

- (3) The above clauses 1 and 2 shall apply accordingly to credits and examination results of state-recognized distance learning courses.
- (4) If credits and examination results are recognized, the corresponding credits and the grades inasmuch as the grading systems are comparable shall be transferred and taken into account when calculating the overall grade as specified by these examination regulations. In case of non-comparable grading systems, credits and examination results shall be recognized in the form of un-graded credits or with the grade 4.0; the recognition of any credits and examination results obtained externally must be indicated in the Master's final examination certificate.
- (5) Satisfaction of the requirements in the above clauses 1-3 legally entitles a student to recognition of credits and examination results. The recognition of periods of study, credits and examination results obtained in the Federal Republic of Germany shall be effective ex officio. The candidate has to submit the necessary documents for recognition. A decision shall also be issued on advance inquiries for the recognition of periods of study, credits and examination results, provided that sufficient information is submitted for a decision.
- (6) The recognition of periods of study, credits and examination results pursuant to the above clauses 1-3 shall be the responsibility of the examination board or the examination board chair on its behalf. A competent representative from the department concerned shall be consulted before the decision of equivalence is reached.

#### §9 Non-Attendance, Withdrawal, Cheating, Breach of Regulations

- (1) An examination result is regarded as failed if the candidate, without a valid reason, fails to meet a deadline for submission, fails to appear at the appointed time for an examination, or withdraws from the examination after it has begun.
- (2) The reasons for withdrawal or non-attendance must be submitted immediately to the examination board in writing and must be substantiated by evidence. The submission of a medical certificate can be demanded. The candidate's own illness, as well as the illness of a child primarily in the sole care of the candidate, shall be deemed equivalent reasons for withdrawal. In case the reasons for withdrawal are approved of, the examination is rated as not taken, so that a new examination date can be set, provided that this is acceptable for the particular test.
- (3) In case of a candidate's attempt to influence the result of the examination by deception or the use of illegitimate means, the examination is rated as failed.
- (4) According to § 4 the candidate may demand the revision of a decision by the examination board within a period of four weeks. Incriminating decisions according to § 4 are to be substantiated and to be communicated to the candidate immediately in writing. The candidate shall be granted the opportunity for a fair hearing.

## § 10 Assessment of Examination Performance, Certification

(1) The grades for performance in the individual examinations shall be assessed by the respective examiners in each case. Passed examinations shall be awarded one of the following grades:

1 = excellent = outstanding performance

2 = good = above average performance

3 = satisfactory = average performance

4 = fair = performance which, despite deficiencies, satisfies the requirements

5 = insufficient = not passing

To enable finer differentiation, grades may be raised or lowered by .3 credits; the grades 0.7, 4.3, 4.7 and 5.3 are excluded. If an examination is awarded grade 5, it shall be rated failed.

(2) The final Master's certificate shall indicate title, semester and the respective examiner of the passed examinations selected for inclusion in the certificate pursuant to §19, clause 4 with the respective credits achieved and – if graded - the grade. In addition the total amount of credits and the overall grade shall be listed in the certificate. The overall grade shall be the arithmetic mean weighted with the credits of the graded examination results. In this arithmetic mean only the first figure after the decimal point, without rounding up or down, shall be taken into account. The overall grade shall then be rounded as follows and indicated on the certificate:

Up to 1.5: excellent

Over 1.5 to 2.5: good

Over 2.5 to 3.5: satisfactory

Over 3.5 to 4.0: fair

(3) The grade shall be supplemented by an ECTS-grade, which provides information as to a student's relative class ranking and is also noted in the transcript of records. The ECTS – ranking scale classifies the students according to statistical points of view, which allow the individual accomplishments of a student to be compared with those of the other students. The successful students are awarded the following grades:

**A** the top 10%

**B** the next 25%

C the next 30%

**D** the next 25%

E the next 10%

This system is to be used as long as the size of the group it is to be applied on allows for sustainable information on the percentage spread. Should the group be too small, a pragmatic solution is to be strived for.

- (4) The Master's certificate shall be awarded with the comment "mit Auszeichnung" = Honor's Degree" if the studies have been finished within the standard duration of study and one of the following criteria is fulfilled:
- a) The overall grade is 1.3 or above
- b) The overall grade is 1.9 or above and the mean number of passed credits throughout the studies has been at least 35 per semester
- (5) Students can apply to the examination board office for a certificate that indicates all previously obtained credits. This document shall be structured in the same way as the final certificate.

#### §11 Resitting Exams

Resitting an examination for a course taken in any one semester is permissible only within the scope of the conditions prescribed for the course. A candidate can, however, take examinations for the same course in different semesters not more than three times (2 retakes) in order to pass. If the continuation of a candidate's studies depends on the outcome of an examination, it must be taken before two examiners. Examinations passed in the standard time of study can be repeated only once within one year, in which case the better result shall be counted.

#### §12 Support Program

- (1) Students with excellent performance can be admitted to a support program as early as the end of the 1<sup>st</sup> semester. Its objective is to individually mentor and further the talents of particularly gifted students, help them to accomplish Master's degrees with honors and prepare them better for a possible PhD. The students in the support program are expected to take on a more intensive work load compared to when in a normal course of study. They should either finish their studies one to two semesters faster than the standard time of study or prepare themselves systematically for PhD work through successfully participating in additional in-depth courses. Each student in the program shall meet regularly with the professor assigned to him/her as a mentor to discuss his/her progress and study plans. Participation in the support program will be confirmed by a certificate.
- (2) Students can be admitted to the support program after the end of the first semester of the Master course of study, if they fulfill one of the following criteria:
- a) At least 18 credits were earned in the first semester with an average grade of 1.3 or better,
- b) At least 27 credits were earned in the first semester with an average grade of 1.9 or better.

Admittance to the support program can be limited because of limited availability of advisors. The examination board decides which students will be chosen for admittance. On application it is also possible for a student to be admitted to the program at a later time. In this case, the examination board decides on admittance on the basis of the students accomplishments to date as well as his/her potential. Admittance requires that the student will most likely achieve a very good final grade.

(3) Students of the support program can be excluded from further participation in the program if it is predictable that they will not fulfill the requirements of the program. The examination board decides on the exclusion.

#### §13 Control of Progress

- (1) Full-time students are expected to deliver the following minimum requirements in the Master course of study:
- a) At least 9 credits after 1 semester
- b) At least 30 credits after 2 semesters
- c) At least 60 credits after 4 semesters
- (2) Only the required minimum of credits according to §17, clause 2 a-c is taken into account.
- (3) If a student does not fulfill these minimum requirements, he/she shall be notified in writing that completion of the studies is endangered. He/she shall at the same time be offered counseling on the matter.
- (4) In case a student does not meet the minimum requirements for the second time, for reasons for which he/she can personally be held accountable, or has not achieved the minimum of 90 credits within 6 semesters, he/she shall lose the right to participate in examinations. Written notification of these circumstances shall be given by the examination board. Students shall be given the opportunity to make a statement before the examination board makes the final decision in the matter.

### §14 Part-time Studies

(1) Applicants for a university place and students can register to study part-time if they can only devote at least 50 % and up to 60 % of their work time to their studies because of a job, pregnancy, maternity leave, care of a child or children, care of a relative, or another important reason. Should more than 60% of the credits of a full-time study be earned in a part-time semester, this semester will be counted as a full-time semester. Individual cases may be examined upon request as to whether exceeding this limit by only a little might be compensated for; for example, within one year of study. The registration regulation covers this in more detail.

- (2) The Master's thesis is to be written as a full-time student.
- (3) Part-time studies do not substantiate a legal claim regarding the provision of special courses.
- (4) For effects of part-time studies on areas outside the responsibility of the faculties and on benefits collected from non-university organizations/agencies no liability and no responsibility will be assumed. The students are advised to inform themselves in good time at the authority responsible for such matters.
- (5) Part-time students must consult an advisor of the department responsible for a particular course of study or partial course of study every two semesters.
- (6) All courses taken in a semester, whether they were successfully absolved or not, will be taken into account for the volume of the course of study.
- (7) The degrees as well as form and scope of all required credits and exams do not differ from the ones of the full-time course of study.
- (8) Special approval for each part-time semester must be applied for at the examination board two weeks before the re-registration or registration deadline for that semester. The examination board consults the office of the registrars and decides whether or not the admission to a part-time course of study will be granted.
- (9) The fixed periods in §13 are extended for part-time students as follows:
  - By one semester in the case of one or two part-time semesters
  - By two semesters in the case of three or four part-time semesters

#### §15 Admission Requirements

- (1) Admission to the Master's program requires:
- 1.1 a Bachelor's degree in the Visual Computing or Computational Visualistic course of study or in a related subject (especially in the fields of computer science, mathematics, physics, electrical engineering or mechatronics) achieved from a German university or the certificate of any other equivalent examination or
- 1.2 an equivalent degree in Visual Computing/Computational Visualistic or a related subject (especially in the fields of computer science, mathematics, physics, electrical engineering or mechatronics) from a foreign university or an examination certificate equivalent to the German one.
- 2. and a special aptitude for the course of study according clause 2 (§69.5 University Law.)

- (2) Criteria for the evidence of this aptitude are:
- 1.3 the academic achievements and grades up to the date of application,
- 1.4 the special interest in studies documented in the form of a dossiers or expert's report,
- 1.5 relevant practical and international experience existing as well as
- 1.6 English skills on an advanced level.

These criteria will be used to compare a student applicant's aptitude with the profile and requirements of the chosen Master course of study.

- (3) Applicants, who are not yet in possession of a Bachelor's degree, may apply for preliminary admission to the Master's course of study allowing them the participation in the Master's examinations. In this case, the Bachelor's degree has to be handed in within a three-month deadline.
- (4) The examination board decides on admission requirements.

# §16 Registration for the Master's Examination

- (1) The application for admission to the Master's examination takes place with the registration for the examination in the first course in which the candidate wishes to deliver an examination performance. This registration should normally take place in the first semester.
- (2) Written registration must take place at the examination board office. The following are to be attached:
- 1. academic transcript/study record or corresponding documents
- 2. a statement concerning whether the candidate has before failed, is awaiting admittance to, or is currently in the examination process of a Master's of Science / Visual Computing course of study at another university—or the like—in the Federal Republic of Germany.

Decisions as to admittance are made by the examination board or the board's chair on its behalf.

- (3) Admittance may be denied only if:
- 1. the requirements for admittance according to §15 have not been fulfilled or
- 2. the documents are incomplete or
- 3. the candidate has received a final grade of "insufficient" for the final examination or the Master's examination in Visual Computing / Computational Visualistic or a comparable course of study at a university—or the like—in the Federal Republic of Germany.
- (4) An examination file for the examination candidate shall be opened by the examination board office, in which the results of all examinations shall be recorded.

# §17 Master's Study Requirements, Examination Performance for the Master's Final Examination

- (1) The Master's course of study shall include courses in the following categories:
  - a) lectures and seminars from the core subject Visual Computing
  - b) lectures from image-related fields of computer science and other subjects
  - c) supplementary basic lectures (to fill individual gaps in the previous education)
  - d) courses to be freely chosen

The examination board can give instructions concerning category (c).

(2) The final examination for the Master's degree consists of continuous assessment during the study course as well as a scientific thesis (the Master's thesis). The continuous assessments have a total scope of 90 credits, at least 53 of which must have been given a grade. Performances which have already been taken into account for the Bachelor's examination shall not be considered for the Master's examination. The following minimum amounts of credits are to be earned in the different study areas.

a) core subject of Visual Computing

53 CP (35 CP graded)

This minimum is to be earned in the individual areas as follows:

Image processing and basic geometry
 Image analysis
 Image synthesis
 One seminar from the subject Visual Computing
 8 CP (graded)
 8 CP (graded)

- b) image-related fields from computer science and other subjects 9 CP (graded)
- c) supplementary basic lectures

18 CP (9 CP graded)

The permissible courses will be determined at the beginning of a semester.

- d) Moreover, at least 10 further credits must be acquired by:
  - freely chosen courses in Visual Computing or
  - leading a tutorial (tutor; one-time 4 CP) or
  - taking language courses (max. 6 CP, living language) or
  - freely chosen courses, e.g. in the fields of psychology, media design, cognitive science, which must be applied for and approved of by the examination board.
- (3) Should a student acquire more than the required minimum number of credits in one or more course categories according to clause 2 a-c, these credits will count towards the credit requirements in clause 2 d.

#### §18 Master's Thesis

- (1) The Master's thesis is a scientific thesis which is written under supervision. It is to show the candidate's ability to work on a visual computing problem using scientific methods within a given time period and to present the results in an understandable manner. The candidate shall present the Master's thesis in a 30-minute colloquium; this presentation is part of the examination.
- (2) The topic for the Master's thesis can be issued by full professors, junior professors, university lecturers, retired professors, honorary professors, freelance lecturers, and associate professors of Saarland University, who are involved in the Visual Computing course of study in terms of content. Also, the examination board may allow any person at the University of Saarland holding a Ph.D. degree and its on campus institutes to issue Master's thesis topics in the area of Visual Computing. The examination board can, from the beginning, give the chair permission to name such persons as authorized to issue Master's thesis topics.
- (3) The topic of the Master's thesis as well as the date of its release shall be taken on record at the examination board office on being issued. The thesis must be registered at the latest in the semester following the fulfilment of the categories according to § 17. Should a student fail to meet the deadlines, the examination board will issue a topic of its own choice for the thesis.
- (4) The allotted time for work on the Master's thesis is 6 months. It can be extended in justified exceptional cases, but not beyond 6 weeks. The chair of the examination board shall decide on an extension.
- (5) The Master's thesis topic can be returned by the candidate only once and only within the first 5 weeks of his/her allotted working time.
- (6) If a candidate's work on the Bachelor's or Master's thesis must be interrupted for longer than the period of one week because of illness or other reasons beyond his/her control, the deadline or due date shall be suspended accordingly. The necessary proof, e.g. a doctor's certificate, must be turned in to the examination office immediately. An official request for consideration of maternity leave, parent time off, or family obligations (especially care of an underage child or a relative in need of constant care), can be made to the examination board.
- (7) The Master's thesis may be written in German or English. The Master's thesis may be a publication accepted by a certified scientific conference or a certified scientific journal.
- (8) The Master's thesis shall be handed in within the stipulated period in 4 bound/hardcover copies at the examination board office; the date of submission shall be taken on record. If the thesis is not submitted on time, it will be deemed "insufficient". When handing in the thesis, the candidate must give written testimony that he/she has written the thesis himself/herself and has not used sources and aids other than those listed.

- (9) The candidate must submit a copy of the thesis in electronic form (in a standard data format) in addition. He/she must give the university authorization to publish the thesis (eventually to be transferred in another standard data format) in networks and/or data bases. The candidate must affirm the congruence of the contents of the printed data and the electronic version of the thesis. The issue of certificates according to §10 clause 5 follows the handing in of the electronic version. Upon valid request, the examination board can excuse a student from the requirement to submit an electronic version.
- (10) The thesis shall be examined by two persons according to clause 2 and shall be awarded a grade according to §10, clauses 1 and 2. Professors, university lecturers, retired professors, honorary professors, associate professors, freelance lecturers as well as staff members from other universities, institutes or companies may be appointed as expert examiners upon written application. One of the two examiners shall be the person who issued the topic according clause 2 above; the second examiner shall be appointed by the examination board chair. The report shall be concluded within 2 months.
- (11) Should there be a difference of more than 2.0 between the grades given by the two examiners, but both are grades of at least "fair", another professor shall be appointed as additional examiner.
- (12) If one examiner grades the thesis as "insufficient" and the other gives it an at least "fair" grade, an additional examiner shall be appointed. Such an additional grading report shall only be requested once. If this grade is also "insufficient", the thesis shall receive the final grade of "insufficient".
- (13) A thesis deemed "insufficient" can be rewritten once with the issuing of a new topic.
- (14) The weighting of the thesis for the final grade of the Master's examination is 30 credits. For the final grade of the Master's examination the arithmetic mean is taken from the reports of the two examiners if both are at least "fair" and the difference between the two is not more than 2.0. In cases described in clauses 11 and 12, where 3 reports are available, the final grade is taken from the arithmetic mean of all three, as long as all grade reports are at least "fair"; otherwise, the final grade is taken from the arithmetic mean of the two positive results.

# §19 Passing the Master's Examination

- (1) The Master's examination is considered passed when:
  - the candidate has earned the required minimum for the course of study of at least 120 credits, 83 of which are graded,
  - as well as the minimum number of credits from each of the categories in §17,
  - the final scientific assignment (Master's thesis) has been given a passing grade (see §18) and
  - the candidate has applied for the issuing of the Master's certificate.
- (2) The Master's examination is considered failed when one or more examination parts or the Master's thesis have been given the final grade of "insufficient" (not passing).

- (3) If the Master's examination is deemed "insufficient", the examination board chair shall issue written notification to the candidate, including advice on applicable legal remedies.
- (4) Should the candidate have earned more than the minimum amount of credits required, he/she can choose part of the passed credits to be included in the transcript as well as convert one credit with a grade of at least "fair" into an ungraded, passed examination, as long as all other requirements as to minimum credits have been fulfilled. Each course can only be counted in one subject area according to §16. Courses which have been successfully absolved a repeated number of semesters, can only be counted once. The equivalence of courses is determined by the examination board. The courses counted towards the Master's certificate must differ from the courses from the preceding Bachelor's certificate, which is a requirement for admittance to the Master's course of study.

#### §20 Master's Certificate and Academic Degree

- (1) A certificate with the particulars set forth in §10 clause 2 shall be issued at once with respect to the passed final Master's examination. The certificate shall be signed by the Examination Board Chair. The certificate shall carry the date of the last examination performance as well as the date of signature. The Master's certificate shall be issued in German and English. It lists the successfully absolved courses and so equally serves as a transcript of records.
- (2) The Master's Degree/ Diploma shall be issued in German and English, signed by the Dean of the Faculty of Science and Technology I along with the Examination Board Chair, and appended the faculty seal. The certificate shall state that the candidate has been awarded the degree "Master of Science (M.Sc.) in Visual Computing".
- (3) On request by the candidate, a certificate shall be issued stating when the examination procedure was completed.

#### §21 Diploma Supplement

The graduate will be issued a diploma supplement along with the Master's certificate; it serves as additional proof and supplies information about the aims, structure and content of the course of study.

# §22 Invalidity of an Examination

(1) Should it become known after the Master's Certificate has been awarded that the graduate cheated in an examination, the examination board shall be subsequently entitled to declare the examination – in part or overall – as failed.

- (2) Should it become known after the Master's Certificate has been awarded that a graduate had not satisfied the requirements for the admission to an examination, although he/she had not purposely provided misleading information, this deficiency can be considered as remedied by the passing of the examination. Should it however become know that the graduate had deliberately and wrongfully obtained admission to the examination, the examination board shall decide on the matter, pursuant to the Saarland Administrative Proceedings Act.
- (3) The candidate shall be given the opportunity to make a statement before a decision is reached.
- (4) The incorrect examination certificate shall be withdrawn and rectified appropriately. The period of limitation for a decision according to clauses 1 and 2 is five years, starting from the date of the Master's Certificate.

## §23 Inspection of the Examination Files, Legal Remedies

- (1) On application, the candidate shall be permitted to inspect those examination files that refer to him/her within a period of one year from completion of the examination procedure. The examination board chair shall determine the place and time for such an inspection. On application, the candidate shall be informed of the results of individual parts of the Bachelor's examination respectively Master's examination prior to completion of the examination procedure.
- (2) Upon application of the concerned candidate, procedural decisions by an examiner or the examination chair shall be reviewed by the examination board.

#### §24 Entry into Effect

These regulations shall enter into effect on the day after the date of publish in the official Bulletin of Saarland Universities.

Saarbrücken, May, 19th, 2006

By proxy

Univ.-Prof. Dr. Rolf W. Hartmann

(Vice President for Technology and Technology Transfer)