DOUBLE DEGREE AGREEMENT
BETWEEN

UNIVERSITY OF APPLIED SCIENCES UPPER AUSTRIA, HAGENBERG CAMPUS, SOFTWARE ENGINEERING

AND

UNIVERSITY OF CALABRIA, DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

IN ORDER TO GET A DOUBLE MASTER DEGREE

The University of Applied Sciences Upper Austria
Represented by Dr. Gerald Reisinger (University President)

and

The University of Calabria
Represented by Professor Gino Mirocle Crisci (University Rector)

AGREE THE FOLLOWING

ARTICLE 1

Within the Declaration of Bologna for the development of a consistent and coherent European area of university education, based on student mobility, on the credit system and comparability of qualifications, in a context of mutual reciprocity, both Universities commit themselves to an educational exchange of students, aiming to obtain the respective academic degrees, from both their home and host university.

ARTICLE 2

With this agreement the two Universities realize a common programme of studies leading to two Master Degrees: Master of Science in Engineering, in Austria and Master in Computer Science in Italy. The host Department, jointly with the home Department, decides to recognize the programme of studies and to transfer credits, limited to a maximum of 66 ECTS credits for the Master Degree, earned at the partner University and produce a Course Matrix (provided as Annex A in this agreement). Annex A can be yearly updated, but only with the explicit consent of both the Head of the host Department and the Head of the home Department.

ARTICLE 3

Each academic year a maximum of 3 students per institution may participate in this Double Degree programme.

The Italian students, coming from the Master Degree programme in Computer Science, and selected through a call for application issued by the University of Calabria, shall be nominated by the home institution by November 15 of the first year and for the following academic year.
Application papers shall be submitted to the host Department. Candidates will be informed about their admission to the Master Degree programme in Software Engineering at the University of Applied Sciences Upper Austria, Hagenberg Campus after entrance and language requirements as well as credit recognition have been clarified.

The University of Applied Sciences Upper Austria will enrol the Italian students coming from the second year of the Master Degree programme in Computer Science in the second year of the Master Degree programme in Software Engineering. Admitted candidates for University of Calabria will be allowed to change their study plan, in order to move exams not included in the Agreement from the second to the first year.

The examinations taken at the University of Calabria, limited to a maximum of 66 ECTS credits for Master Degree, are considered equivalent to the corresponding exams of the two-year Master Degree programme in Software Engineering at the University of Applied Science, Upper Austria, Hagenberg Campus. The courses, that Italian exchange students have to attend in the Master Degree programme in Software Engineering at the University of Applied Science, Upper Austria, Hagenberg Campus, will be chosen according to a Courses Matrix that is part of this agreement (Annex A), provided that the credits sum up to no less than 60 in both institutions, and that the choice comply with what is reported as mandatory by the aforementioned Annex A. Curricular changes need to be coordinated with the partner institution in advance.

Furthermore, in order to obtain the Master degree in Software Engineering, the Italian exchange students will have to attend courses, pass the related examinations and prepare and discuss the final thesis up to a maximum of 66 ECTS credits (as reported in the Courses Matrix, Annex A). Examination for each course as well as the final examination and the final thesis will be in English.

Final examinations will be held at both institutions. The final thesis will be under the supervision of either the home or the host institution and the credit thereof recognized at the home institution.

ARTICLE 4

The Austrian students, coming from the Master Degree programme in Software Engineering, and selected by a Committee appointed by the Director of the Department at the University of Applied Sciences Upper Austria, shall be nominated by the home institution by November 15 for the following academic year. Application papers shall be submitted to the host Department. Candidates will be informed about their admission to the Master Degree programme in Computer

Science at the University of Calabria after entrance and language requirements as well as credit recognition have been clarified.

The University of Calabria will enrol the Austrian students coming from the second year of the Master Degree programme in Software Engineering in the second year of the Master Degree programme in Computer Science.

The examinations taken at the University of Applied Sciences Upper Austria, Hagenberg Campus, limited to a maximum of 66 ECTS credits for Master Degree, are considered equivalent to the corresponding exams of the two-year Master Degree programme in Computer Science at the University of Calabria. The courses that Austrian exchange students have to attend in the Master Degree programme in Computer Science at the University of Calabria will be chosen according to a Courses Matrix that is part of this agreement (Annex A), provided that the credits sum up to no less than 60 in both institutions, and that the choice comply with what is reported as mandatory by the aforementioned Annex A. Curricular changes need to be coordinated with the partner institution in advance.

Furthermore, in order to obtain the Master degree in Computer Science, the Austrian exchange students will have to attend courses, pass the related examinations and prepare and discuss the final thesis up to a maximum of 66 ECTS credits (as reported in the Courses Matrix, Annex A). Examination for each course as well as the final examination and final thesis will be in English.

Final examinations will be held at both institutions. The final thesis will be under the supervision of either the host or the home institution and the credit thereof recognized at the home institution.

ARTICLE 5

As far as the tuition fee of the second year of the Master Degree programme is concerned, both Italian and Austrian students will pay the tuition fee only at their home institution (University of Calabria and University of Applied Sciences Upper Austria, Hagenberg Campus, respectively). The present agreement is also applied to the students who participate in the student exchange programme without official scholarship from the home university. In this case, the students have to cover the expenses of the respective universities, including travel, accommodation, food and any other cost related to their stay in the host institution themselves.

Each University shall designate a professor who shall supervise every issue related to the tutoring of exchange students.

ARTICLE 6

Each University retains the right to confer its own degree on both home and host exchange students, in accordance with the regulations in force. Both Universities provide incoming exchange students with more help, particularly proposing appropriate programmes of studies in accordance to students study plans.

ARTICLE 7

This Agreement shall come into effect beginning from the academic year 2015/2016 and shall run for the following five academic years. It will be extended indefinitely for a further five-year period; however, either institution may terminate the Agreement by giving at least six months notice.

ARTICLE 8

This Agreement is signed in double original copies in English.

University of Calabria, Rende
Prof. Gino Mirocle Crisci
(University Rector)

Date

University of Applied Sciences Upper Austria
Dr. Gerald Reisinger
(University President)

Date

ANNEX A – Eligible Choices

University of Calabria, Computer Science Degree Course			**HAGENBERG - Upper Austria University of Applied Sciences - SE**		
Course Title*	**ECTS**	**Semester/Year**	**Course Title**	**ECTS**	**Semester**
Data Warehouse and Data Mining (DW Module)	5	Semester I / Year I	Data Warehousing und Online Analytical Processing (OLAP)	4,5	Semester I / Year I
Data Warehouse and Data Mining (DM Module)	5	Semester II / Year I	Business Intelligence und Data Mining	4,5	Semester II / Year I
Modeling and Simulation	5	Semester I / Year I	Modellierung und Simulation (Modelling and Simulation)	4,5	Semester I / Year I
Numerical Approximation and Algorithms	10	Semester I / Year I	Numeric and Heuristic Optimization	4,5	Semester I / Year I
			Numerical Methods	4,5	Semester I / Year I
Parallel Algorithms and Distributed Systems	5	Semester II / Year I	Paralleles Rechnen, Cluster- und Grid-Technologien	5	Semester I / Year II
Knowledge Management	10	Semester I / Year I	Web-Semantik-Technologien (Web Semantic Tecnologies)	4,5	Semester I / Year II
			Alternative Programmierparadigmen (Alternative programming paradigms)	4,5	Semester I / Year II
			Aktuelles Vertiefungsfach (Special Chapters - Gamification)	3	Semester I / Year II
Intelligent Systems	5	Semester I / Year II	Agentensysteme (Agent Systems)	4,5	Semester I / Year II
Internship	5	Semester II / Year I	Software Project Engineering	6	Semester I / Year I
Final Thesis*	30		Wissenschaftliches Arbeiten (Scientific Work)*	2	Semester I/ Year II
			Teamarbeitspraxis (Team work practice)*	1	Semester II/ Year II
			Masterarbeit (Master Thesis)*	25	Semester II/ Year II
			English Conversation*	2	Semester I/ Year II

* Mandatory choice