



# SAHC: Advanced Masters in Structural Analysis of Monuments and Historical Constructions

## Consortium Agreement

This agreement is made between:

- UMINHO – *Universidade do Minho*, having its registered office at Largo do Paço, 4704-553 Braga, Portugal, represented by its Rector, Professor António M. Cunha
- CTU – *České vysoké učení technické v Praze*, having its registered office at Zikova 1905/4, 166 36 Praha 6, Czech Republic, represented by its Rector, Professor Petr Konvalinka
- UNIPD – *Università degli Studi di Padova*, having its registered office at Via VIII Febbraio 2, 35122, Padova, Italy, represented by its Rector, Professor Rosario Rizzuto
- UPC – *Universitat Politècnica de Catalunya*, having its registered office at Jordi Girona 1-3, 08034 Barcelona, Spain, represented by its Rector, Professor Enric Fossas Colet

hereinafter referred to individually or collectively as “Awarding Party(ies)<sup>1</sup>”, and:

- ITAM – *Ústav teoretické a aplikované mechaniky AVČR, v.v.i.*, having its registered office at Prosecká 76, 190 00 Prague 9, Czech Republic, represented by its Director, Professor Miloš Drdáký

hereinafter referred to as “Non-awarding Party”.

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<sup>1</sup> Like all official degrees in Spain, the Master awarded by UPC is subject to a verification and approval process by the Spanish Ministry of Education. Only if and after this approval is granted will the UPC degree be awarded. Meanwhile, UPC’s involvement will be carried out through lectures or student mobility under the regular Erasmus+ agreement.

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All parties which have so declared their adhesion are hereinafter referred to individually or collectively as the “Party(ies)” or the “Consortium”.

#### **ARTICLE 1 – MAIN PRINCIPLES FOR CONSORTIUM AGREEMENT**

The Parties have been jointly running an Erasmus Mundus Masters Course, for a consecutive period of 10 years, and established a successful partnership for this purpose.

The Parties will develop their best efforts to find external funding for the future of the Programme. But, the Parties want to extend this partnership for the near future in the absence of external funding and agree to bind themselves according to the terms of this Consortium Agreement.

#### **ARTICLE 2 – OBLIGATIONS OF THE AWARDING PARTIES**

All Awarding Parties agree to host accepted SAHC students, to enrol them as full-time Master students and to adopt English as teaching language. The acceptance of students at each Awarding Party is subjected to the applicable local rules. No fee will be required from the hosted students, who will be responsible for all expenses of travelling, insurance, accommodation and living costs; no financial obligation will therefore arise for the hosting institution.

All Awarding Parties will provide appropriate guidance and support to hosted SAHC students.

The Master course is divided in two parts, namely coursework and final project/dissertation. The coursework will be carried out at University of Minho (September to March) and the final project/dissertation (April to July) will be carried out in all Awarding Parties. The Awarding Parties will assign each hosted student with credits corresponding to the modules or work carried out at the respective institution. The European Credit Transfer System (ECTS) will be used for grading all modules, including the thesis.

All Awarding Parties agree to inform the Consortium of any required changes in their local academic programme and to subject the implementation of such modifications to the approval of the Consortium.

All Awarding Parties will confer a Master degree (or equivalent, as specified by local legislation) with the duration of one-year (60 ECTS) to this so-called SAHC Programme, to the students that have obtained the minimum requirement of 21 credits in the corresponding institution, as follows:

UMINHO	Mestrado em Análise Estrutural de Monumentos e Construções Históricas
CTU	inženýr (in the study field Advanced Masters in Structural Analysis of Monuments and Historical Constructions)
UNIPD	Master Universitario Italiano in Analisi Strutturale dei Monumenti e dell’Edilizia Storica
UPC	Advanced Masters in Structural Analysis of Monuments and Historical Constructions

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The Master awarded by UNIPD is a scientific course and high training after graduation of the Master of Science (i.e. after *Laurea Magistrale* in Italy). Candidates can apply to this Master if they possess a *Laurea magistrale/specialistica* or other awarded foreign degree, recognized as equivalent.

As for the Master awarded by UPC, see note on page 1.

A Certificate (or Diploma, if applicable) and a Diploma Supplement will be issued by all Awarding Parties. Diploma Supplements will be issued in English and in the national language of the awarding institution.

### ***ARTICLE 3 – OBLIGATIONS OF THE NON-AWARDING PARTY***

The Non-Awarding Party accepts to host SAHC students wishing to carry out a study/research stay at the corresponding institution. Whenever a student will be hosted by the Non-Awarding Party, the credits corresponding to the work carried out at such institution will be recognised by CTU.

No fee will be required from the hosted students, who will be responsible for all expenses of travelling, insurance, accommodation and living costs; no financial obligation will therefore arise for the hosting institution.

### ***ARTICLE 4 – COORDINATION AND MANAGEMENT***

The SAHC programme will be coordinated by UMINHO, represented within this scope by Professor Paulo B. Lourenço (Coordinator) and Dr. Daniel Oliveira (Deputy Coordinator). The Coordinator will act on behalf of the SAHC Consortium in all matters related to the programme, in accordance with the Management Board guidelines.

A SAHC Management Board, meeting at least once per year (live or videoconference) to discuss and approve all matters relevant to the management and running of the programme, as well as to solve possible problems of interpretation and application which may arise in the implementation of this agreement and to follow up this implementation, will comprise two representatives of the coordinating institution and one representative of all other parties. The parties agree that the SAHC Management Board is presently constituted by the following members:

- UMINHO – Paulo B. Lourenço, Daniel Oliveira
- CTU – Petr Kabele
- UNIPD – Maria Rosa Valluzzi
- UPC – Pere Roca
- ITAM – Miloš Drdácý

The SAHC Programme will appear externally as a unique entity. The Coordinator will sustain all coordination costs and will be responsible to centrally manage all matters regarding the SAHC programme including namely dissemination initiatives (The Management Board will ensure that the Parties' policies on the use of their name and corporate image will be

followed), management of the webpage, hiring of SAHC Secretariat (minimum 0.5 FTE), management of admission/selection process, proposal for selection of students to the Management Board, enrolment of students, collection of tuition fees, insurance costs, scholar costs, students' grants costs, coordination of students' activities and progress, travel/lodging expenses incurred by Management Board members present in the Board meetings and travel/lodging expenses incurred by lecturers during coursework.

The Coordinator will distribute the funding per Article 5 to the Awarding Parties and will provide the required data for local enrolment in all Awarding Parties. Local Secretariats at each Awarding Party will handle all aspects regarding the inscription of students in the Awarding Parties, including payment of fees and local enrolment. Students will not be directly involved in these tasks as they enrol formally with the SAHC programme.

Quality will be assured by evaluation of lecturers and Master Course by students.

#### ***ARTICLE 5 – FINANCIAL MATTERS***

The Consortium agrees to charge SAHC students the tuition fee of 9.000 € (nine thousand euro) and a non-refundable deposit in case of no-show of 250 € (two hundred and fifty euro) for confirmation of enrolment, which is returned to students upon their arrival and course initiation, if applicable. The tuition fee and deposit might be altered by the SAHC Management Board.

The Consortium agrees to award students' grants in a number to be defined annually by the Management Board, able to cover part of the tuition fees or to cover partly costs of living and travelling. In the latter case, the net grant will be 400 € (four hundred euro) / month for 10 months.

The Consortium agrees to award scholar grants to individuals external to the Parties in a number to be defined annually by the Management Board, able to cover part the costs of living and travelling. In this case, the travelling costs will be reimbursed and a grant of 980 € (nine hundred and eighty euro) / week will be attributed for living costs.

The Consortium agrees to award scholar grants to members of the Parties in a number to be defined annually by the Management Board, able to cover part the costs of living and travelling. In this case, the travelling costs will be reimbursed and a grant of 140 € (one-hundred forty euro) / working day will be attributed for living costs.

UMINHO will be responsible for paying students and / or scholars who have been awarded a scholarship. The rules concerning such payment will be clearly described in a contract subscribed by the grant holder.

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The fees income will be distributed amongst the Awarding Parties only, as follows:

*1. Proportional to the number of students with a Degree Awarded*

Awarding Party	Coursework EU student (39 ECTS)	Coursework student non-EU (39 ECTS)	Dissertation EU student (21 ECTS)	Dissertation non-EU student (21 ECTS)
UMINHO	1066,38€	1066,38€	1394,50€*	1394,50€*
CTU	N/A	N/A	1025,00€	1025,00€
UNIPD	N/A	N/A	1437,50€	1437,50€
UPC	N/A	N/A	1397,35€	1937,68€

\* The value indicated holds NOT for the Dissertation but for the full programme (60 ECTS)

The above amounts can be updated yearly by the Awarding Parties per their internal rules, with a maximum increase of 2% per annum.

The above amount should be transferred to the partners in a single instalment before the end of the academic year and after the mobility of students to the Awarding Parties is initiated (unless of exceptional reasons the instalment is due in June).

A separate agreement between the Non-Awarding Party and CTU will regulate any associated financial matter.

*2. Coordination costs*

The remaining costs from the SAHC Consortium tuition fees will remain at UMINHO as Coordination costs. A report on the usage of the Consortium costs will be submitted yearly to the Management Board.

**ARTICLE 6 – DURATION**

This Consortium Agreement hold for the academic year of 2017/8 and for the subsequent four academic years, and shall become effective upon signature by the parties.

In the case of UPC, and due to the Spanish legislation, the maximum duration will be of three (3) academic years in addition to the academic course 2017/18, with possible extension to one additional academic year by means of an addenda to the present document.

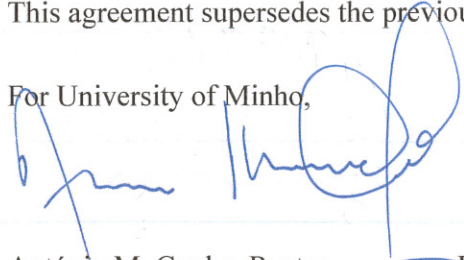
Changes, denunciations, as well as modifications to this agreement shall be given in writing no later than twelve months prior the beginning of the academic year subjected to modification, and approved by the Consortium. Any amendment or termination shall be made without prejudice of the students participating in the Programme, all of whom shall be enabled to complete the studies for which they are registered.

**ARTICLE 7 – DISPUTES**

The parties agree to use all endeavours to try to amicably settle any dispute that might arise in relation to the implementation of this Consortium Agreement. In case an agreement cannot be achieved, the claim shall be submitted for arbitration; each party shall appoint a member of the arbitration panel, and one member shall be chosen by mutual consent.

This agreement supersedes the previous Consortium Agreements between the Parties.

For University of Minho,



António M. Cunha, Rector

Date 09-Dec-2016

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For Czech Technical University in Prague,



Petr Konvalinka, Rector

*Alena Kohoutková, Dean  
Faculty of Civil Engineering*

Date 09-01-2017

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For University of Padova,



Rosario Rizzuto, Rector

Date

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For Universitat Politècnica de Catalunya,

Enric Fossas Colet, Rector

Date

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For Institute of Theoretical and Applied Mechanics ASCR, v.v.i.,

*Miloš Drdák*

Miloš Drdáký, Director

Date 23.1.2017

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