

**JOINT DOCTORAL PROGRAMME/
DOUBLE DEGREE PROGRAMME**



**INDIAN INSTITUTE OF TECHNOLOGY MADRAS
CHENNAI -600036
INDIA**

**AALTO UNIVERSITY, SCHOOL OF SCIENCE
FINLAND**

**AGREEMENT FOR JOINT DOCTORAL PROGRAMME / DOUBLE DEGREE
PROGRAMME: Doctor of Philosophy/ Doctor of Science (Technology)**

between

INDIAN INSTITUTE OF TECHNOLOGY MADRAS

and

AALTO UNIVERSITY, SCHOOL OF SCIENCE

**AGREEMENT FOR JOINT DOCTORAL PROGRAMME / DOUBLE DEGREE PROGRAMME:
Doctor of Science (Technology) / Doctor of Philosophy**

THIS AGREEMENT is made **BETWEEN:**

Aalto University, School of Science, with legal domicile at Otakaari 1B, 02150
Espoo, Finland (**Aalto**)

AND

INDIAN INSTITUTE OF TECHNOLOGY MADRAS, an educational institution created by an Act of Parliament and having its principal address at Chennai 600 036, Tamil Nadu, India ("**IITM**").

The expression **Institute** shall mean either Institute or University, **party** means Home Institute or Partner Institute and **parties** means both Home Institute and Partner Institute.

WHEREAS:

On 23.9.2013 the Parties entered into a Memorandum of Understanding (MOU) to develop academic and research collaboration.

By entering into this agreement, the Parties agree to offer a Joint Doctoral Programme / Double Degree Programme (JDP) at doctoral level in the research fields of the parties in accordance with the terms and conditions set out in this Agreement. The research fields at Aalto are listed here: <https://into.aalto.fi/display/endoctoralsci/Research+fields> and the departments at IITM are listed here: <https://www.iitm.ac.in/content/research>.

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. JOINT DOCTORAL PROGRAMME / DOUBLE DEGREE PROGRAMME STRUCTURE

A student who is interested in getting admitted into the joint doctoral programme / double degree programme (JDP) will at first apply to the doctoral programme of the home university according to the selection process of the home university. To enter the JDP, an individual cotutelle agreement has to be made for every student, where terms not mentioned here will be agreed on. After the individual cotutelle agreement has been signed, the student will apply for a study right at the partner university. If the study right at the partner university has not been granted within half a year after the cotutelle agreement has been signed, the cotutelle-agreement will expire.

For every student the home and host institute will be defined. The guide at the Home Institute will be the main guide (supervising professor) and the other guide from the Partner Institute will be the co-guide (co-supervisor) to the student.

2. FOLLOW-UP

Both institutes will do their own follow-up of the student and the student will report of his/her progress to the guide and co-guide at both institutions.

3. COURSE WORK REQUIREMENTS

The course work requirements for each student will be agreed on in the individual cotutelle agreement.

4. TIME DURATION

4.2 The normal duration of the doctoral studies will be four years after the starting date of the JDP, unless extraordinary, exceptional and clearly motivated situations justify a reduction or extension. In particular, if the JDP specified objectives are not reached, the duration may be extended beyond the four years for up to an additional year and in accordance with the regulations of the two Institutions.

4.3 Each JDP student is entitled to the leave benefits (as applicable) of the Home Institute

5. ENROLLMENT, FEES AND EXPENSES

The student has to enroll annually at both Institutes. If applicable the student will pay tuition fees to their Home Institute throughout the duration of the JDP.

Every effort is to be made to ensure that approximately an equal number of JDP students are admitted to both Institutes, and for the Partner Institutes to provide financial support to the visiting JDP student during their stay.

6. WITHDRAWAL AND TERMINATION OF CANDIDATURE

The prevailing regulation of both institutions for withdrawal and termination of candidature at the JDP shall apply.

7. THESIS REVIEW REPORTS & VIVA VOCE EXAMINATION (thesis defense)

7.1 Evaluation of thesis by external examiners and conducting of final viva-voce examination/defense shall fulfill the requirements of both parties.

7.2 The thesis manuscript has to pass the preliminary examination/ Synopsis before entering to the thesis defense according to rules, regulations and practices of both parties. Two reviewers from Institutions different from the two engaged in this agreement will have to approve the thesis manuscript in written statements. Permission to publish the thesis as an academic dissertation will be granted only after passing the preliminary examination. The thesis defense cannot take place before that.

7.3 The committee for the thesis defense will be nominated jointly by the two parties. The committee will include at least the guide and the co-guide as well as one reviewer from an institution different from the two engaged in this agreement (different from the pre-examiners). The defense of the thesis will be held at the home Institution, unless otherwise agreed.

8. AWARD OF DEGREE

The student who completes all the requirements of the JPD as described above will be awarded two separated degree certificates, one from each Institution.

The wording in both the degree certificates or in its appendix must indicate unambiguously that the degree is being awarded jointly with the Partner Institute (by name) for the same thesis. The student will be awarded the title Doctor of Philosophy by the Indian Institute of Technology Madras and the title Doctor of Science (Technology) by Aalto University.

9. STUDENT OBLIGATIONS

JDP students will be subjected to the rules, regulations, policies and codes of both parties. The student will follow the rules and regulations of the home institute when he/she is there and follow the rules and regulations of the partner institute when he/she is at the partner institute. Before the degree can be awarded, the minimum degree requirements of both parties have to be fulfilled.

10. INTELLECTUAL PROPERTY, INVENTIONS, INNOVATIONS AND LIABILITY

property is held, disclosed or introduced shall remain the property of the Party introducing or disclosing it (the "**Background IP**").

- 10.2 All rights, titles and interests in any studies, reports or materials, graphic or otherwise, prepared by one party will belong to that party and may not be made use of except with that party's prior written consent. The provisions of this clause will survive till the termination of this Agreement.
- 10.3 Where the parties jointly develop intellectual property, inventions and innovations as a result of the research work of the JDP student working under the supervision of the guide and co-guide the terms with respect to title and exploitation of such intellectual property, inventions and innovations (including but not limited to trademarks and service marks, copyright, patents, know-how designs and confidential information on the subject of such intellectual property, inventions and innovations)(hereinafter collectively referred to as the "**Intellectual Property**") will be negotiated on a case-by-case basis. The general norm, for such case-by-case agreements will be that the ownership of Intellectual Property will in equal measure on the respective Institutes with the JDP student/faculty who had contributed to the research work acknowledged as Inventors. Save as aforesaid, nothing in this agreement shall be construed as a license or transfer or an obligation to enter into any further agreement with respect to intellectual property currently licensed to or belonging to either Institute. The parties shall thereupon equally share the costs of filing, maintenance and protection of jointly developed intellectual property, unless the right to file at a particular jurisdiction is waived by one Party. The student's intellectual property rights to the intellectual property will be agreed on separately, if needed.
- 10.4 The aggregate maximum liability of the parties shall not exceed the sum of 10.000 euro. Neither party shall have liability to the other party under or in connection with this agreement, howsoever arising, for damages in respect of loss of profits or contracts or for indirect or consequential loss or damage. The limitations of liability shall not apply for damages caused by willful conduct or gross negligence. There is no joint liability for damages to third parties caused by either party alone.

11. AMENDMENTS

This Agreement may be amended and supplemented in writing at any time by the mutual consent of the Parties in writing.

12. TERM OF AGREEMENT

- 12.1 This Agreement will come into force upon affixing of the signatures of the representatives of the partner institutions and will remain in effect for five years. This Agreement may be renewed upon its expiry, with the agreement of both partner institutions. The Agreement may be terminated by either party on one year's written notice.

If either partner institution wishes to terminate the agreement at the end of the five years period it must notify the other institution not less than six months prior to the expiry of the agreement.

This Agreement or its renewal and the actions taken under it may be reviewed at any time. Modifications may be made by mutual agreement and any amendment or extension to the agreement may be formalized by the exchange of letters between the two parties.

- 12.2 Both Parties agree that in the event this Agreement is terminated for any reason, the Parties will use their best endeavors to allow all students already enrolled in the JDP who are eligible to complete their candidature, to continue and complete the requirements for the JDP in which they are enrolled, and to be awarded the double degree upon successful completion of the JDP. If it is not possible for a student to satisfy the requirements of and complete the JDP he/she is enrolled in, the Parties will endeavor to allow that student, at his/her election, to complete the requirements for the doctoral degree offered by the Home Institute. The Parties agree that such a student will be given credit for all relevant units previously undertaken by the student at the Partner Institute as part of the JDP.

13. DISPUTE RESOLUTION

Any disputes arising under or in connection with this Agreement which cannot be resolved by amicable discussions between the Parties shall be referred to the President / Director of the respective Parties or their nominees for resolution.

If the parties cannot reach solution, the dispute shall be finally settled by arbitration rules of the International Chamber of Commerce. The place of arbitration shall be London, United Kingdom. This agreement shall be governed by the rules of United Kingdom.

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be duly executed on the day and year last below mentioned.

Signed for and on behalf of
Aalto University
Tuula Teeri
President



Designation with Seal
Date: 22.2.2017

Signed for and on behalf of
Indian Institute of Technology Madras
Prof. Bhaskar Ramamurthi
Director



Designation with Seal
Date: 22.2.2017

Annex1

Contact information to the administration and management of the agreement:

At Aalto:

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Aalto Doctoral Programme in Science
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At IITM:

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FORMAT FOR JOINT DEGREE WITH TWO CERTIFICATES



INSTITUTE OF TECHNOLOGY MADRAS

Hereby confers the degree of

Doctor of Philosophy

of the Institute

on

<<name>>

PHOTO

*for successfully completing the prescribed programme of study
and presenting the thesis entitled*

<< TITLE >

Jointly with-----

Given this day the-----

under the seal of the Institute

Registrar

Director

Chairman, Board of Governors

DEGREE CERTIFICATE
DOCTOR OF SCIENCE (TECHNOLOGY)

Steve Harry Student
1 January 1989

Has been awarded by the Aalto University School of Science the degree of Doctor of Science (Technology) as prescribed in the Government Decree on University Degrees (794/2004). The degree was completed in accordance with the Aalto Doctoral Programme in Science in the research field of Geoenvironmental Technology.

9 December 2015

Teuvo Dehaani
Dean

Janna Joutaja
Director of Doctoral Programme

This degree certificate includes two appendices: the transcript of records lists the studies completed for the degree, and the Diploma Supplement for international use contains information on the university as well as on the degree completed, its level and status in the Finnish education system.

Degree Certificate Appendix Transcript of Records

(1/3)

Name:	Steve Harry Student
Date of birth:	1 January 1989
Student number:	549969
Right to study towards the degree granted on:	1 August 2010
Degree awarded:	Doctor of Science (Technology)
Doctoral programme:	Aalto Doctoral Programme in Science
Research field:	Geoenvironmental Technology

This transcript of records is an appendix to the degree certificate issued on 9 December 2015 for the above mentioned degree.

The degree has been completed within the framework of a joint supervision cotutelle agreement between Aalto University and Indian Institute of Technology Madras. Upon completion of the Doctoral degree and dissertation, the graduate may receive a degree certificate also from Indian Institute of Technology Madras, India.

SUMMARY OF DEGREE

	Credits, cr	Grade
Studies in research field Geoenvironmental Technology	16.00	Pass
Scientific practices and principles	4.00	Pass
Doctoral Dissertation		Pass

Evolution of Attenuation Mechanics...

Official Opponent: Professor Bernhard Pro, University of Helsinki

Dissertation publicly examined: 7 December 2015

Degree Certificate Appendix
Transcript of Records
(2/3)

Name: **Steve Harry Student**
Date of birth: **1 January 1989**
Student number: **549969**

COURSES COMPLETED

Course		Credits	Grade	Date dd.mm.yyyy	Teacher
Studies in research field					
Geoenvironmental Technology					
HY-op	Studies completed at the University of Helsinki Transferred	5.00	4	30.11.2015	Trevor Teacher
Yhd-33.170	Postgraduate Course in Geology P	4.50	2	15.08.2015	Trevor Teacher
Yhd-33.170	Postgraduate Course in Geology P	4.50	4	30.11.2015	Trevor Teacher
Yhd-33.4100	Postgraduate Course in Geoenvironmental Technology P	2.00	3	30.11.2015	Trevor Teacher

Total credits: 16.00
Weighted average grade: 3.31
Grade: Pass

Scientific practices and principles

Yhd-33.4100	Postgraduate Course in Geoenvironmental Technology P	2.00	4	13.10.2015	Trevor Teacher
Yhd-33.4100	Postgraduate Course in Geoenvironmental Technology P	2.00	3	30.11.2015	Trevor Teacher

Total credits: 4.00
Weighted average grade: 3.50
Grade: Pass

Doctoral Dissertation

Yhd-33.T	Doctoral Dissertation Evolution of Attenuation Mechanics...	Pass	04.12.2015	Trevor Teacher
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Grade: Pass

9 December 2015

Minna Vänskä
Registrar

Aalto University
P.O.Box 11000

Degree Certificate Appendix
Transcript of Records
(3/3)

Name:	Steve Harry Student
Date of birth:	1 January 1989
Student number:	549969

For the doctoral degree, the student must complete either the required postgraduate studies or an applicable licentiate of science degree, demonstrate independent and critical thinking in his/her research field, write a dissertation and defend it in public.

The extent of studies is measured in credits (cr). The average number of hours required in one academic year of studies, 1 600 hours, corresponds to 60 credits. The credit system complies with the European Credit Transfer and Accumulation System (ECTS).

The courses are graded either on a scale of 5 (highest), 4, 3, 2, 1 or Pass / Fail. The grading scale for the study modules and the thesis is Pass with Distinction (PwD) /Pass.

Those courses which are graded 5, 4, 3, 2 and 1 are included in the credit-weighted average grade. Average grade has been calculated if the group includes at least two courses graded on a scale of 1-5 or the extent of the course/s graded on a scale of 1-5 is at least half of the extent of the group. If this provision is not met, average grade is not calculated. The average grades have been rounded to two decimals.