

**AGREEMENT FOR JOINT Ph.D.
DISSERTATION PROGRAM**

**ACCORD DE COTUTELLE
INTERNATIONALE DE THESE**

Vu l'arrêté du 7 août 2006 relatif aux modalités de dépôt, de signalement, de reproduction, de diffusion et de conservation des thèses ou travaux présentés en soutenance en vue du doctorat,

Vu l'arrêté du 7 août 2006 relatif à la formation doctorale,

Vu l'arrêté du 6 janvier 2005 relatif à la cotutelle internationale de thèse,

**Between
Bar-Ilan University**

And

Ecole Centrale Paris

Between

Ecole Centrale Paris,
(Hereinafter referred to as ECP)
Grande Voie des vignes – 92295 Châtenay-Malabry Cedex, FRANCE
Represented by its Director, Professor Hervé BIAUSSER

And

Bar-Ilan University
Ramat-Gan, 52900 ISRAEL
Represented by its Rector, Professor Haim TITTELBAUM

Considering the Decree issued on 7 august 2006 relating to the presentation, administrative clearance and reproduction of Ph.D. dissertation submitted in oral defence towards the doctorate,
Considering the Decree issued on 7 august 2006 relating to doctoral studies,
Considering the Decree issued on 6 January 2005 relating to the establishment of joint Ph.D. dissertation programs between foreign institutions,

Both parties, prompted by the desire to promote Ph.D. student exchanges and thus to reinforce the scientific and university cooperation between Israel and France, agree to set up a joint Ph.D. Dissertation Program for the candidature of

Mr. Alexandre RICHARD
Date of birth: 19th September 1988
Place of birth: Paris
Nationality: French
Permanent address: 89 rue Broca, 75013 Paris, FRANCE

CHAPTER I ADMINISTRATIVE TERMS

Article one

Mr. Richard is currently completing a Ph.D. Dissertation in Mathematics on the following subject:
Study of the Hölder regularity of Set-Indexed processes ; definition and study of the set-indexed multifractional Brownian motion, a set-indexed process whose regularity varies over \mathcal{A} , the indexing collection.

The envisaged duration of studies for Mr. Richard enrolled as a Ph.D. student at Bar-Ilan University and at ECP since October 2010 is 3 years. The provisional date of Ph.D defense is fixed in December 2013 in the original institution.

Upon joint request by dissertation supervisors on both sides an extension period may be granted to the student by the official representatives whose signatures the present agreement bears.

The student will do his research work partly at ECP and partly at Bar-Ilan University, the duration of both periods depending on specific research needs.

Article two

Mr. Richard will pay annual tuition and fees to ECP, and will be entitled to registration at Bar-Ilan University, with tuition and fees waived.

During respective periods at ECP and at Bar-Ilan University, the enrolled student will be eligible for benefits as available at home and host institutions in accordance with the provisions and laws in force in each country.

Article three

The doctoral research work will be financed by INRIA, for the duration of the thesis.

CHAPTER II ACADEMIC TERMS

Article four

The research carried out by M. Richard will be directed by dissertation supervisors on both sides, i.e.

At ECP :
Prof. Erick Herbin
Title and status: Professor ECP

At Bar-Ilan University:
Prof. Ely Merzbach
Title and status: Professor

Both supervisors, with full knowledge of the present Agreement, are pledged to use their respective competences on behalf of the Ph.D. student in accordance with the laws and rules in each country and university.

Article Five

The Ph.D. Committee members will be appointed by both partner institutions in accordance with the laws and rules in effect in each country. The Committee will comprise an equal number of qualified scientific representatives from each country; half of them being professors entitled to supervise doctoral research work. The committee will comprise four to eight members, the two directors belonging to the Committee. The doctoral student's research work will be examined at least by two external readers, entitled to supervise research work and chosen by the Director/President of both institutions upon proposal by the dissertation co-supervisors.

Article Six

M. Richard will defend his dissertation at the above-mentioned Committee at ECP. The president of the Committee will write a defence report which will be countersigned by all the committee members.

The written dissertation and oral defence will both be done in *English*. An abstract will also be prepared in *French*.

Article Seven

The degree of Doctor of Philosophy will be awarded to the Ph.D. candidate by the institution where he has successfully defended his dissertation; a full copy of the defence report will be sent to the partner institution that will award him the degree of Doctor of Philosophy.

The doctoral degrees awarded will mention the joint PhD dissertation title, the names and titles of the committee members and the date of the oral defence.

Article Eight

The terms and conditions for presentation, administrative clearance and reproduction of thesis as well as defence authorisation will be enforced in accordance with laws and rules in effect in each country.






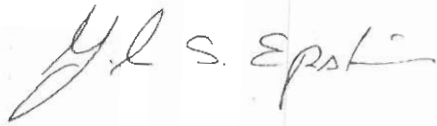



CHAPTER III IMPLEMENTATION AND TERMINATION

The present Agreement will take effect by the signatures by official representatives in both institutions and will terminate as soon as the duties outlined in articles 4, 5 and 6 in chapter II of the present agreement are completed.

The present agreement can be terminated upon special request by both parties or by the Ph.D. student.

Made in 9 original copies,

At Bar-Ilan University, on
At ECP, on the 23rd November 2011

<p>M. Erick HERBIN PhD co-supervisor Ecole Centrale Paris</p>  <p>(signature)</p>	<p>M. Ely MERZBACH PhD co-supervisor Bar-Ilan University</p>  <p>(signature)</p>
<p>M. Frédéric ABERGEL Laboratory director Ecole Centrale Paris</p>  <p>(signature)</p>	<p>M. Ron ADIN Chairman of the Department of Mathematics, Bar-Ilan University</p>  <p>(signature)</p>
<p>M. Nasser DARABIHA Chairman of the doctoral studies Ecole Centrale Paris</p>  <p>(signature et cachet Ecole Doctorale)</p>	<p>M. Gil EPSTEIN Dean of the school of Graduate studies Bar-Ilan University</p>  <p>(signature and seal)</p>
<p>M. Hervé BIAUSSER Director of Ecole Centrale Paris</p>  <p>(signature et cachet Etablissement)</p>	<p>M. Haim TEITELBAUM Rector of Bar-Ilan University</p>  <p>Prof. Haim Taitelbaum Rector Bar-Ilan University</p> <p>(signature and seal of the University)</p>
<p>M. Alexandre RICHARD PhD student</p>  <p>(signature)</p>	