



ERASMUS MUNDUS JOINT DOCTORAL PROGRAMME IN
LAW, SCIENCE AND TECHNOLOGY

THE CONSORTIUM

ALMA MATER STUDIORUM – UNIVERSITY OF BOLOGNA
AND
UNIVERSITY OF TURIN
AND
MYKOLAS ROMERIS UNIVERSITY
AND
UNIVERSITAT AUTÒNOMA DE BARCELONA
AND
THE UNIVERSITY OF LUXEMBOURG
AND
THE UNIVERSITY OF TILBURG

CALL FOR APPLICATION

Notice of admission procedure for the IIIrd call of the “Erasmus Mundus Joint Doctoral Programme in **Law, Science and Technology**”.

Last date for the presentation of applications is: 21 January 2014 (CET TIME)

THE LAST-JD CONSORTIUM

Taken into consideration the laws and regulations in force in each involved country of the LAST-JD Consortium for delivering a doctoral degree and taken into account the assented Erasmus Mundus Joint Cooperation Agreement among each Consortium partners,

STATES THE FOLLOWING

**ARTICLE 1
(IMPLEMENTATION)**

1. A public selection is called for the admission to the three-year Doctoral Programme in **Law, Science and Technology** - IIIrd call – as per Appendix A- concerning this public selection – at the University of Bologna as LAST-JD Consortium coordinating institution.
2. The public selection shall proceed according to the instructions as indicated in the following articles on the basis of qualifications and an interview. Dates, venues and official communications of the competitions can be found in LAST-JD website.



3. The *Erasmus Mundus Joint Doctoral Programme* in Law, Science and Technology offers to doctoral candidates a education programme in the field of research related to law, computer science, ICT, electronic and telecommunication engineering, bioethics, medicine, mathematics, physics, neuroscience, philosophy. The Programme lasts 3 (three) years (an extension is foreseen in order to uphold the thesis defence within the first six months of the fourth year). During the 3-years period, a mobility scheme ensures that candidates will spend training/research periods in at least three different consortium institutions, as follows:

- a) three compulsory periods will have to be spent by each candidate in at least three different partner countries;
- b) the candidate will have to spend the first term (half year) in University of Bologna and the second term in University of Turin;
- c) the candidate will have to spend the third term (half year) in one of the following university Universidad Autonoma de Barcelona or Mikolas Romeris University;
- d) the candidate will have to spend the fourth term (half year) in University of Tilburg (TILT) or University of Hannover (CELLS) or in the University of Luxembourg;
- e) the residuary period (one year), if any, might be divided among other partners.

ARTICLE 2 (CATEGORY)

1. According to the definition stated in the European Commission *Erasmus Mundus Programme Guide 2009-2013*, we hereby consider the following two categories of doctoral candidates:

- a) **Category A:** the fellowships can be awarded to doctoral candidates selected by LAST-JD consortium, who come from a country other than “a Member State of the European Union, an EEA-EFTA State (i.e. Iceland, Norway and Lichtenstein), and who are not residents nor have carried out their main activity (studies, work, etc.) for more than a total of 12 months over the last five years in one of these countries. The only exception to this rule applies to Third-Country doctoral candidates who have previously received an *Erasmus Mundus Masters scholarship* in order to follow an EMMC. In case of this exception, the candidates shall produce the documentations regarding this EMM scholarship;
- b) **Category B:** the fellowships can be awarded to any doctoral candidate selected by LAST-JD Consortium and who do not fulfil the Category A criteria defined above. Category B fellowship holders must perform their training/research periods in at least three different countries represented in the consortium; two of those countries must be different from the country in which the doctoral candidate has obtained his/her last university degree.

2. The doctoral candidates shall choose and self-certify the Category he/she belongs to, on the basis of the requirements contained in the definitions given in comma 1.

3. If a candidate will think he/she does not satisfy the formal requirements to belong to category A, but yet has previously received an *Erasmus Mundus Masters Fellowship* in order to follow an EMMC (*Erasmus Mundus Master Course*), he/she will have to provide for all the documentation concerning this *Erasmus Mundus Master Fellowship*, which will have to include the official letter from EACEA or the invitation letter from the University/Universities involved in the EMMC.



4. If a candidate has two citizenships and hence could belong to any of the two categories, he/she must choose one of these categories.

ARTICLE 3 (RESEARCH AREA)

1. The doctoral candidates shall choose one research area and inside this he/she shall choose three (3) topics of interest. The candidate shall rank the LAST-JD research areas chosen, ordering them from 1 (the most preferred area) to 3 (the least preferred area) in his/her application form.

2. For each single research area, information concerning the relevant research topics and the respective available places are published in Appendix A of the present notice of public selection. Any updates/amendments as well as any other more detailed information about the research topics shall be published on the LAST-JD website at <http://www.last-jd.eu/>

ARTICLE 4 (ADMISSION REQUIREMENTS)

1. The admission is open to candidates who hold a 2nd Level Master Degree (120 ECTS after 180 ECTS of bachelor) or a Single-Cycle-Degree (minimal 300 ECTS) or 2nd Level Master Degree of 60 master ECTS after 240 ECTS. For the admission to LAST-JD the candidate shall check if the title (s) allows the applicant to enrol in a Ph.D program.

2. In the case of a degree obtained in a country other than Consortium Institutions countries and judged suitable, should the qualifications not have been already deemed equivalent, the candidate shall require that this recognition be granted for the public selection purposes only. The candidates shall enclose the following documents:

- a) the academic qualifications certified or notarized, translated in English;
- b) all the documentation available concerning his career translated in English.

3. Candidates who will only obtain their postgraduate higher education degree at the end of the academic year preceding the one concerned by the fellowship application, can nevertheless apply for a doctoral fellowship and be selected by the consortium concerned, under the condition that they acquire the required degree prior to the beginning of the joint doctorate programme concerned.

4. The candidate shall speak English. If he/she is non-native English speaker, is required a recognized international English test Certificate obtained in the last three years before the deadline indicated in this *call for application*. The English Language Proficiency is required according to the following criteria: IELTS min: 6.5; TOEFL min: 220 CBT, 550 PBT, 80 iBT; TOEIC min: 780, Cambridge min. C.A.E, Trinity min. GESE and ISE Intermediate, GRE min. Verbal Reasoning. 480, Quantitative Reasoning 600, Analytical Writing 4.0. For those who studied in countries where the English is the official language, is required an official letter stating that your university studies were undertaken in English.



ARTICLE 5 (AVAILABLE POSITIONS)

1. The total number of places, available through the competition is equal to double the total number of EACEA study grants available; the number of places available through the competition will in no case be fewer than 2 (two), of which all will have a study grant.
2. The number of grants may be increased on the basis of special agreements with public or private bodies. Such additional grants might be assigned either to applicants not succeeding for EACEA grants or to candidates applying for these specific places within the expiry date of this notice or of other successively published calls for application.

ARTICLE 6 (APPLICATION FOR ADMISSION)

1. In order to participate in the admission procedure, the candidates should apply for the assessment in accordance with the procedure, described in the following paragraphs. The application must be received, under penalty of exclusion, within the deadline that is 90 days after the date of publication of this announcement. In case of dispatch through the postal service, the deadline refers to the date of the physical delivery of the documentations to the address indicated: there will not be taken in consideration the date on the postmarks. The LAST-JD Consortium will not take in consideration the applications which will arrive after the deadline.
2. No more than 3 (three) applications to different Erasmus Mundus Joint Doctoral courses (EMJD) are allowed (at risk of exclusion).
3. The candidate must register on LAST-JD website at <http://www.last-jd.eu/>, providing the requested data. After the registration he/she obtains an ID that allows the candidate to go ahead with the application.
4. The candidate must fill the application form online at LAST-JD website, including uploading of required documents, as specified in the following paragraph 5 and 6 and according to the instructions available at <http://www.last-jd.eu/>; after the successful completion of the application procedure, applicants will receive a confirmation e-mail. The candidate must reconfirm the submission of the application by validating the received confirmation e-mail. In case the applicant will not receive any communication concerning the receipt of the application within 7 days he/she is asked to contact LAST-JD coordinating team at last-jd@unibo.it.
5. The original documents (Application form, filled in and signed, and all the documents required, as in paragraph 6 and 7) can be also send by regular mail in a single envelope, and should reach the following address within the deadline: LAST-JD, CIRSFID, University of Bologna, Via Galliera 3, Bologna, 40121 - Italy



6. Applications shall report, under the candidates' responsibility and at the risk of exclusion from the public selection, the following information:

- a) the applicant's name and surname, date and place of birth, place of permanent address, address for correspondence, contact telephone number, e-mail address and skype id;
- b) the applicant's citizenship and civil status;
- c) the preferred area of the doctoral course the candidate is applying for, as defined in *Appendix A*. The candidate shall indicate in his/her application for admission a ranked list of all the LAST-JD research areas, ordering them from 1 (the most preferred area) to 3 (the least preferred topics);
- d) the type of degree held, exact date, grade and name of the awarding university or of the equivalent qualifications granted by a foreign university together with, in the case of degree obtained in a country other than LAST-JD Consortium institutions' countries, the documentation in which its acceptance is granted for the sole purpose of this public selection. e) a declaration of self certification about the truthfulness of the information given by and the documents produced by the candidates.

7. Applications shall also include:

- a) the candidates' *curriculum vitae et studiorum* duly dated and signed in European format only. The *curriculum* may include all the information relevant to the themes of the doctoral track the candidate has applied for. This information may concern: the title of his/her dissertation and a synthetic description of it, as well as a list of examinations given, the grades and, if possible, a brief description of the relative syllabuses, previous research and/or work experience, any other relevant qualifications (school qualifications included), certifications, publications, patents, etc.;
- b) the certified or notarized academic degree and transcripts (mark sheets) of all university studies, i.e. Bachelor, Master or equivalent, with translation in English (mandatory) with correspondent Grade Point Average (GPA) (if available);
- c) a draft of the research project related to the selected preferred LAST-JD research area (3000 words). The draft research project will be considered solely for evaluation purpose, in order to evaluate the candidate's capacity to organise and carry out the research. Should he/she be admitted to the doctoral course, he/she will carry out his/her research not necessarily on the specific activities described in his/her draft project;
- d) a signed explanation of your own motivation stating why you would like to attend the programme and to carry out the project in the research area chosen and how this programme will help you in your work and career (no more than 500 words);
- e) one or two recommendation letter(s) for the candidate signed by a university lecturer or an expert in the area;
- f) if candidate is non-native English speaker, a recognized international English test Certificate (e.g. IELTS min: 6.5; TOEFL min: 220 CBT, 550 PBT, 80 iBT; TOEIC min: 780, Cambridge min. C.A.E, Trinity min. GESE and ISE Intermediate, GRE min. Verbal Reasoning. 480, Quantitative Reasoning 600, Analytical Writing 4.0) obtained in the last three years before the deadline indicated in this *call for application*. For those who studied in countries where the English is the official language, is required an official letter stating that your university studies were undertaken in English;
- g) any other qualifications relative to the areas of the research dealt with in the course (each of them no more than 5 pages long);
- h) a copy of the current passport and 1 passport-sized photograph.



8. The application and the documents as indicated in the previous paragraphs 6 and 7 are required to be in English.
9. Candidates who make false statements shall automatically be excluded from enrolment and any grants awarded shall be retroactively withdrawn. Further administrative and/or penal sanctions foreseen by the laws and legislation in force may also be applied. The LAST-JD Consortium reserves the right to enforce, even after the public selection is over, sanctions which exclude candidates who have failed to comply with or meet up to requirements herein established.
10. The LAST-JD coordinating team cannot be held responsible for any mistakes in electronic communication systems faults.
11. Candidates with disabilities can make an explicit reference to their handicap to require special assistance and, if necessary, extra time for the examination, according to the Italian Law 104/1992 and its integrations. In this respect, personal data will be protected and treated with discretion according to the Italian D.L. 196/2003.

ARTICLE 7 (APPLICATION ELIGIBILITY)

1. All the applications will be opened after the deadline.
2. There will not be taken into account and assessed, those applications that:
 - a) are incomplete or incorrect: it's mandatory the completeness of the application and attachments and its accuracy (application form completed fully and signed, all the required documents attached, the data are correct and complete, etc.);
 - b) lack of academic title(s) for application to Ph.D. program;
 - c) late arrival of the application by post, or application on line made after the deadline.
3. A list of all selected eligible candidates will be published on the LAST-JD website.

ARTICLE 8 (SELECTON PROCESS AND LIST OF RESULTS)

1. The selection process will be divided into two phases:
 - a) the evaluation of qualifications, in accordance with the rules indicated in Article 9, for a maximum score of 100: candidates who will receive less than 75 will not be admitted to the second phase;
 - b) the interview for a maximum score of 100: candidates who will receive less than 75 will not be admitted to the course.
2. At the end of the two phases, the candidates who will obtain a total score of 150 over 200 will be considered eligible for the grant and they will be inserted in the final lists, according to the rank defined by the final total score.



3. At the end of the process the final lists of candidates admitted to the LAST-JD Program will be published online in the LAST-JD website and on the notice-board of the relevant research departments/structures of the involved LAST-JD universities. Each candidate will be contacted personally, by email, about the outcome of his/her participation in the selection process.

4. The final lists will include:

- a) Main list for category A and main list for category B: the candidates listed here are admitted to the LAST-JD Program according to the number of available fellowships;
- b) Reserve list for category A and reserve list for Category B;
- c) List of candidates without fellowships;
- d) List of not selected candidates.

5. If during the selection, the same score will be reached by a male or a female the preference will be given to the one whose category is in minority in the composition of the final admission list. In case of equal score reached by two candidates of the same category the preference will be given to the one whose personal experience is more relevant in terms of previous mobility periods and/or candidate's array of achievements, subject to approval by Education, Audiovisual and Culture Executive Agency (EACEA, <http://eacea.ec.europa.eu>).

ARTICLE 9 (SELECTION CRITERIA)

1. Selective assessment for admission to the LAST-JD doctoral programme is mainly concerned with establishing candidate aptitude for scientific research and it is carried out by the LAST-JD Selection Committee based on qualifications and an interview.

2. According to the present notice, by qualifications we hereby imply: the information contained in the application form and in the *curriculum vitae*, recommendation letter(s), the draft research project, other qualifications mentioned under art. 6 and following. The interview could be carried out either as oral interview or by means of videoconference, in accordance with the modalities and scheduling which will be indicated to the preselected candidates in the Consortium website at <http://www.last-jd.eu/>

3. The following criteria, on a maximum total score of 200, will be applied for the assessment of applications:

A - Title evaluation: max 100, threshold: 75:

i) Academic potential (class rank, GPA, etc...): max. 30;

ii) Relevance of Master-level degree to the research themes of the LAST-JD programme: max.10;

iii) Quality of home institutions having awarded the Bachelor-level degree and/or Master-level degree (according to the ranking list published on the web site <http://www.webometrics.info>): max. 5;

iv) Other aspects of *curriculum vitae* (multiple degree, work experience, professional qualification, autonomy in the research, etc.): max. 5;

v) English level: acceptable/non-acceptable;

vi) Motivation letter: max. 10;

vii) Draft research project: max 30;



viii) Letters of recommendation: max. 10;

B - Interview hold by the selection Committee: max. 100, threshold: 75.

ARTICLE 10 (INTERVIEW)

1. Drawn up according to the first phase results, the list of selected candidates for the interview shall be posted in the areas indicated in art.8, together with the modality to carry out the interview. The interview, conducted also with the telecommunication tools, will include the illustration of the research activities the candidate is interested in, also on the basis of previous activities stated in his/her *curriculum vitae et studiorum*. Five admission committee members of LAST-JD will hold the interview evaluating also the pertinence of candidates skills with respect to specific research topics. During the interview the candidate shall also prove his/her proficiency in English language.

2. In order to sustain the interview, candidates will be asked to exhibit the same identity document attached to the application or other valid identification document in which they result clearly identifiable. The tool exploited for the interview (e.g. Skype) is selected by the Selection Committee and the candidate is asked to arrange the availability of the tool at his/her premises.

ARTICLE 11 (SELECTION COMMITTEE)

1. The LAST-JD Consortium appoints each year a Selection Committee which will carry out the selective assessment of the candidates. The Selection Committee is made up by five members coming from each partner institution and selected by the Doctorate Board.

2. Each Selection Committee member will carry out separately the evaluation, applying the same assessment criteria as established in art. 9, in order to evaluate the applications and documentation submitted by the candidates.

3. Once the first selection phase has been completed, the Selection committee shall draw up the main list of admitted candidates based on final selection marks achieved by each candidate, computed as the average of the marks assigned by all members. The lists concerning evaluation of qualifications will appear solely on the notice-board of the relevant research departments/structures of the involved LAST-JD universities and on internet, in the LAST-JD Consortium web site (<http://www.lastjd.eu>).

ARTICLE 12 (APPEAL)

1. LAST-JD invites all the candidates to follow the admission procedure via website (www.last-jd.eu) and to check his/her email for any official communications.

2. At the end of each selection stage candidates will have the possibility to appeal against the decisions of the LAST-JD Selection Committee.



2. Once the results will be published online and the candidate will receive an official communication about the outcome of his/her application, he/she will have 24 hours to appeal to the Selection Committee sending, via email to last-jd@unibo.it, the “appeal form” downloadable in the LAST-JD website, specifying in the email’s subject “Requesting an appeal relating to the admission’s procedure”.

3. Once received the request of appeal, the LAST-JD Selection Committee, on behalf of the LAST-JD Consortium, will send the outcome of the appeal and the reasons for rejecting/accepting it within 5 working days.

ARTICLE 13 (FINAL APPROVAL BY EACEA AND ADMISSION TO THE COURSES)

1. Candidates are eligible to be admitted to the LAST-JD course according to the order in which they appear on the final lists, which will be published on the end of February, until all available places, divided per research area and Category. The remaining candidates who are not adequately positioned on the main lists will be inserted, according the same criteria, in the reserve lists, which will be published on the end of February, having the possibility to access the LAST-JD course in case of renunciation by admitted candidates.

2. Candidates successfully positioned in the main lists for a EMJD granted place will be admitted to the courses only upon the approval of the final lists by the Education, Audiovisual and Culture Executive Agency (EACEA, <http://eacea.ec.europa.eu>), according to the Erasmus Mundus Programme provisions. The candidates will be informed by email about this official final approval.

3. After the official approval by EACEA, the winners will be required to sign a official *letter of acceptance* of studies and scholarship and to sign the Doctoral Candidate Agreement. With these documents, the winner hereby accept the scholarship offer, accept to participate in the program and to follow all the study and research activities offered for the three-year course.

ARTICLE 14 (SCHOLARSHIPS)

1. According to the funding available, the admitted applicants will be enrolled as LAST-JD doctoral candidates and will receive a grant from the Education, Audiovisual and Culture Executive Agency (EACEA) as an employment contract.

2. Grants are assigned according to the order of the main lists and will cover only the regular doctoral course duration of 3 (three) years, starting from the official enrolment date as indicated in the Doctoral Candidate Agreement, being expressly excluded from the grant coverage:

- a) any period preceding the official enrolment date, even if it includes the actual start of the course;
- b) any course extension;
- c) the period of the fourth year required to sustain the defence of the thesis.



3. No more than two students with the same citizenship may receive an EMJD scholarship, with attention to preserve gender balance and equal opportunities issues.
4. The total number of granted places will be announced, through the LAST-JD web site, once EACEA will communicate to us (around Mid November).
5. One Category A grant is reserved to candidates holding the citizenship of Turkey or Western Balkan countries (i.e. Albania, Bosnia-Herzegovina, Kosovo under UNSC Resolution 1244/99, the Former Yugoslav Republic of Macedonia, Montenegro and Serbia).
6. The annual gross amount including social security expenses, welfare and other contributions to be paid by the recipient of each grant is stated in Doctoral Candidate Agreement.
7. The grant holders shall also declare that:
 - a) they have never before been awarded grants for doctoral studies;
 - b) they will not add this grant to any other grant or employment contract.
8. A Doctoral Candidate Agreement will be signed with EMJD granted candidates in which monthly payments are specified (12 instalments of € 2,800 as gross salary each as employment contract and of € 300 as fixed participation costs) together with the lump sum (€ 7,500 for Category A candidates and € 3,000 for Category B candidates, only if there is a mobility plan toward extra-eu countries) for travelling expenses.
9. As a general rule, the monthly fixed contribution of € 300 for participation costs will be retained by the University of Bologna in order to cover tuition fees, services, enrolment fees, periods of stage in partner industries, participation to summer school, linguistic services, pc, trips, logistic and didactic support, etc..

ARTICLE 15 (NON SCHOLARSHIP HOLDERS AND PARTICIPATION COST)

1. The eligible candidates who are not selected for the EACEA scholarship due to this constraint, may decide either to accept a non-granted place.
2. Doctoral candidates who do not benefit from a scholarship shall pay participation costs and enrolment fees to the University of Bologna. The participation cost are 1.000,00 Euro for term (6 months) and are to be paid at the University according to terms and conditions communicated to the candidate. The doctoral candidates without scholarship will benefit from the same services of granted ones (e.g. periods of stage in partner industries, participation to summer school, laptop, trips, logistic and didactic support).
3. If payments are not carried out according to the terms and conditions, the doctoral candidate shall be excluded from the program.



ARTICLE 16 (ENROLMENT)

1. Candidates who have been admitted to the LAST-JD course and who have acceptance the scholarship, shall enrol at the first host University (University of Bologna) according to terms and conditions.
2. The amount of the enrolment fees will be communicated to the doctoral candidate at the time of enrolment.
3. For enrol at University of Bologna are required the following documents:
 - a) 2 passport-size photos;
 - b) copy of valid passport;
 - c) receipt of the enrolment fee (to be provided after the payment of the enrolment fee);
 - d) the original of the academic qualification as indicated in paragraph 4 and 5;
 - e) for extra UE citizens only: a copy of the residence permit or a copy of the residence permit application receipt.
4. For candidates holding an academic qualification from an extra-UE University, it is necessary to have the legalised original copy of their degree together with the DICHIARAZIONE DI VALORE IN LOCO, issued by the Italian Embassy or Consulate in the Country where such degree has been awarded. THE DICHIARAZIONE DI VALORE must clearly specify that such degree allows the applicant to enrol in a PhD programme in that Country.
5. For candidates holding an academic qualification from a European University it is necessary to have the legalised original copy of their degree together with the Diploma Supplement instead of the DICHIARAZIONE DI VALORE IN LOCO.
6. In case of doubts about the validity of the Degree, the University of Bologna reserves the right to ask the candidate to provide the DICHIARAZIONE DI VALORE IN LOCO.

ARTICLE 17 (WITHDRAWALS AND PROHIBITIONS)

1. Failure to obtain admission to the following year or exclusion due to serious default or unsuitable research activity results, in relation to the procedures established by the LAST-JD Doctorate Board, shall cause the withdrawal of the grant and the obligation for the candidate to return the instalments already received for that year.
2. Doctoral candidates who forfeit their grant during the year, but who continue their studies, shall return any grant instalments already received for that year.
3. Doctoral candidates with grants who drop out of the course during the year have the right to keep the portion of the grant which corresponds to the period of activity if and only if the LAST-JD Doctorate Board states that the candidates' activities up to that moment were regular and fruitful.
4. Candidates who are found to have made false statements shall be excluded from the course.



Criminal punitive measures for the issuing of false documentation and untruthful statements may also be applied.

ARTICLE 18 (ORGANISATION OF THE COURSE)

- 1 The course will start on October 2014, and lasts 3 (three) years (an extension is foreseen in order to uphold the thesis defence within the first six months of the fourth year without scholarship).
2. Doctoral candidates must perform their curricular activities, full-time, in accordance with the procedures established by the LAST-JD according to the validate doctoral agreement.
3. With the approval of the LAST-JD Doctorate Boards, doctoral candidates may take part in research activities carried out by the Consortium Universities, provided they are in line with their formative academic studies.
4. Regardless of the theme of doctoral track chosen by the candidate, during the course the doctoral candidate shall carry out the research assigned to him/her by the LAST-JD Doctorate Boards.
5. Prior to the LAST-JD Doctorate Boards' approval, doctoral candidates may undertake support teaching as regulated by each host university statute.
6. Doctoral candidates may take leave of absence from the course in the following cases which shall be fully and duly certified: maternity, illness, civil or military service, postgraduate degree attendance or other singular cases subject to the preventive LAST-JD Doctorate Boards' approval. Absences may be made up at the end of the course. Should this prove unfeasible, candidates shall sit the final doctorate examinations in the following doctoral cycle. Should the course interruption last more than 30 days, grants shall be immediately withdrawn.
7. Each year doctoral candidates shall present a detailed written account of the activities carried out and present it to the LAST-JD Doctorate Board and if required, discuss it according to the procedures established by the LAST-JD consortium. Then the Doctorate Board shall draw up a resolution and proceed to admitting the candidates to the following year. Should a candidate's performance be insufficient, the Doctorate Board shall issue an order to exclude the candidate from continuing the course.
8. Before the beginning of each year course, the doctoral candidates who have been successfully admitted as per the above paragraph shall apply for enrolment for the following year.



ARTICLE 19 (DEGREE AWARDS)

1. The joint doctoral degree is obtained by completing the course and sustaining successfully the defence of the thesis:
 - a) the thesis shall be written in English and shall be accompanied by an abstract in the languages of the two supervising institutions;
 - b) the thesis shall be discussed in English during the final examination, according to modalities described in the Doctoral Candidate Agreement.
2. Following the discussion of the thesis and positive evaluation expressed by the Defence Committee the pertinent universities of LAST-JD Consortium will award the Ph.D. in “Law, Science and Technology”, in conformity with the respective national regulations in force.

ARTICLE 20 (PERSONAL DATA PROTECTION)

1. Personal data supplied by candidates will be collected by the University of Bologna, as coordinating institution of the LAST-JD Consortium, Department for Student Management and Education and International Activities, according to the Italian D.L. 196/2003 (“Codice in materia di protezione dei dati personali”) and D.R 271/2009 (“Testo unico sulla privacy e sull’utilizzo dei sistemi informatici”). The personal information provided by the candidate are used only for institutional purposes.
2. In accordance with the above mentioned rules, the participation in the selection process implies consent that the personal data of the candidate and the information about examinations will be published the LAST-JD website.

ARTICLE 21 (AVAILABILITY AND INFORMATION)

1. This public notice of admission procedure together with the application form is available in the LAST-JD Consortium website at <http://www.last-jd.eu/>.

ARTICLE 22 (COMPATIBILITIES)

1. The enrolment in a PhD course is not compatible with the enrolment in Italy and abroad in other PhD Courses, First cycle and Second Cycle degree courses, courses aiming at 4-years university degree (the so-called, vecchio ordinamento), First level and Second Level Master and Specialisation. The winners shall state that he/she has not enrolled in any other doctoral course or other study course which assigns an academic qualification, even though from other university than the consortium partners.



**ARTICLE 23
(REFERENCE REGULATIONS)**

1. All matters not included in the present announcement will be governed by the University regulations on PhD programmes and Doctoral Schools in force and by the relevant national laws.
2. All matters not included in the present announcement will be governed also by the European Commission Erasmus Mundus Programme Guide 2009-2013.

Bologna, 21/10/2013

THE LAST-JD CONSORTIUM COORDINATOR
Alma Mater Studiorum - Università degli Studi di Bologna



APPENDIX A

- List of preferential Topics

1. "Deontic logic for reasoning about machine ethics"
2. "Legal document, knowledge and rules modeling with XML standards"
3. "Robotic, ethical issues and IPR aspects"
4. "Online security and civil rights: A fair legal balance"
5. "Cell Stem, IPR and ethical issues"
6. "Biobank and open data: privacy issues in the knowledge society"
7. "eDiscovery and data mining techniques for legal domain"
8. "Legal ontologies for regulatory compliance"
9. "Human Language technologies for legal domain"
10. "ehealth applications or e-coaching in wellness. User acceptance and implementing legal and ethical requirements"

- List of generic Research Topics

Bioethics

1. Human Rights and Ethical Principles in new and emerging technologies.
2. Doctor-patient relationships: confidentiality, informed consent, research and experimentation
3. Public Health Ethics and policymaking
4. Global Health Justice
5. Human Assisted Reproductive Technologies
6. End-of-life Decision Making: legal and ethical issues
7. Ethics and law in Genetics: genetic testing, screening, gene therapy and personalized medicine
8. Biotechnology and patent law: stem cells and gene patents
9. Biobanks, DNA and research
10. E-health and Privacy by Design
11. Private-public interactions in health care provision
12. Ethical, Legal and Social Issues in genetic counselling

Legal Informatics and AI&LAW

13. Semantic Web and Legal ontologies modelling
14. Information Retrieval and Database techniques in the Legal Domain
15. Legal document modelling and representation including Open Data, XML, and standardization
16. Computer Forensics
17. Information Systems for eJustice, eGovernment, and eLegislation
18. Computational models of legal and ethical reasoning including educational applications
19. Intelligent Information extraction and NLP of legal resources
20. e-Discovery and data mining in Legal domain
21. Formal Models of Norms and Legal Reasoning
22. Logic-based models of norms and legal knowledge (e.g. for case law)
23. Legal reasoning, including argumentation and reasoning about evidence
24. Argumentation and Argumentation systems



25. Game theory as applied to the law
26. Normative Multi-Agent Systems and e-Institutions
27. Regulatory Compliance
28. Robot and Intelligent System ethics

ICT&LAW

29. Privacy and Security with New Technology (including Biobanks, Genetic data, eHealth, identity management)
30. Cybercrime and Computer Forensics
31. Cybersecurity and cyberwarfare
32. e-Business and Consumer Law
33. e-Governance and e-Democracy social modelling
34. IPR and New Technology (Digital Right Management, nanotechnologies, open data and open source licences, creative commons, multimedia)
35. Alternative Dispute Resolution and On-line Dispute Resolution
36. Cloud computing modelling and regulation
37. A Comparative Perspective on ICT Law
38. Constitutional crowd sourcing
39. Management of Geopolitical Social Crises
40. Regulation of Robotics and Related Ethical Issues
41. Contracts and ICT
42. Protection of children online
43. Technology regulation: fundamental issues