



KA1 Joint Master Degrees

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These resources and other useful links can be found in a table located at the end of this eForm.

[Click to access table.](#)

Programme :

Erasmus+

Key action :

Learning Mobility of Individual (KA1)

Action :

Student and staff mobility in Joint Master Degrees

Action type :

Joint Master Degrees

Call for proposals :

EAC-A04-2014

Deadline for submission :

04/03/2015

12:00 midday (Brussels time)

Project title * :

Erasmus Mundus Joint Master in Medical Imaging and Applications

Project acronym * :

MAIA

Language used to complete the form * :

English



List of participating organisations

Partner no	PIC	Role	Organisation Name	City	Country
P1	999895983	Applicant Organisation	UNIVERSITAT DE GIRONA	GIRONA	Spain
P2	999839820	Partner Organisation	UNIVERSITE DE BOURGOGNE	DIJON CEDEX	France
P3	999844767	Partner Organisation	UNIVERSITA DEGLI STUDI DI CASSINO E DEL LAZIO MERIDIONALE	CASSINO	Italy
P4	941874172	Associated Partner	INSTITUTE OF TECHNOLOGY PETRONAS SDN BHD	BANDAR SERI ISKANDAR	Malaysia



Part A. Identification of the applicant and if applicable other organisation(s) participating in the project

This part must be completed separately for each organisation participating in the project, after they have registered in the central database (URF-PDM)

A.1 Organisation

Partner number :	P1
Role in the application :	Applicant Organisation
PIC number :	999895983
Full name of the organisation in Latin characters :	UNIVERSITAT DE GIRONA
Business name :	UNIVERSITAT DE GIRONA
Accreditation type :	Erasmus Charter for Higher Education
Accreditation number :	28687-IC-1-2007-1-ES-ERASMUS-EUC-1
Status :	Public
Non profit organisation :	Yes
NGO :	No
Type of organisation * :	Higher education institution (tertiary level)
Registration date :	1992-01-15
Registration location :	DOGC
Registration country code :	ES



Registered address:

Street name and number :

Postcode :

PLACA SANT DOMENEC 9 EDIFICI LES ALIGUES

17071

Town :

Cedex :

PO Box :

GIRONA

Country :

Region * :

Spain

Cataluña

Internet address :

www.udg.es

Telephone 1 :

Telephone 2 :

Fax :

+34972418000

+34972418031

A.2 Person responsible for the management of the application (Contact person)

Title * :

Family name * :

First name * :

DR.

MARTI

ROBERT

Department / Faculty :

Role in the organisation * :

E-mail address * :

Assistant Professor

robert.marti@udg.edu



Check this box if the address is different from A.1

Address:

Street name and number * :

Postcode :

CAMPUS MONTILIVI - EDIFICI P-IV, AV. LLUIS SANTALO, S/N

17071

Town * :

Cedex :

PO Box :

GIRONA



Country *:

Spain

Region *:

Cataluña

Telephone 1 *:

+34972418876

Telephone 2:

Fax:



Check this box if the legal representative is different From the person responsible for the management

A.3 Person authorised to represent the organisation in legally binding agreements (Legal representative)

Title *:

PROF.

Family name *:

BONET

First name *:

SERGI

Department / Faculty:

Role in the organisation *:

RECTOR

E-mail address *:

rector@udg.edu



Check this box if the address is different from the address provided in section A.1

Address:

Street name and number *:

PLACA SANT DOMENEC 9 EDIFICI LES ALIGUES

Postcode:

17071

Town *:

GIRONA

Cedex:

PO Box:

Country *:

Spain

Region *:

Cataluña

Telephone 1:

Telephone 2:

Fax:



Part A. Identification of the applicant and if applicable other organisation(s) participating in the project

This part must be completed separately for each organisation participating in the project, after they have registered in the central database (URF-PDM)

A.1 Organisation

Partner number :

P2

X

Role in the application :

Partner Organisation

PIC number :

999839820

Full name of the organisation in Latin characters :

UNIVERSITE DE BOURGOGNE

Business name :

UNIVERSITY OF BURGUNDY

Accreditation type :

Accreditation number :

Status :

Public

Non profit organisation :

Yes

NGO :

No

Type of organisation * :

Higher education institution (tertiary level)

Registration date :

1984-07-17

Registration location :

MINISTERE DE L'EDUCATION NATIONALE

Registration country code :

FR



Registered address:

Street name and number :

Postcode :

Maison de l'Universite - Esplanade Erasme

21078

Town :

Cedex :

PO Box :

DIJON CEDEX

Cedex

27877

Country :

Region * :

France

Extra-Region NUTS 2

Internet address :

www.u-bourgogne.fr

Telephone 1 :

Telephone 2 :

Fax :

+33(0)380399121

A.2 Legal representative / contact person

Title * :

Family name * :

First name * :

PROF.

BONNIN

ALAIN

Department / Faculty :

Role in the organisation * :

E-mail address * :

President

alain.bonnin@u-bourgogne.fr

☐

Check this box if the address is different from A.1

Address:

Street name and number * :

Postcode :

Maison de l'Universite - Esplanade Erasme

21078

Town * :

Cedex :

PO Box :

DIJON CEDEX

Cedex

27877



Erasmus+

Form version : 2.1.1 EN Adobe Reader version : 11.01

Country *:

France

Region *:

Extra-Regio NUTS 2

Telephone 1 *:

Telephone 2:

Fax:

+33 0380 395 000



Part A. Identification of the applicant and if applicable other organisation(s) participating in the project

This part must be completed separately for each organisation participating in the project, after they have registered in the central database (URF-PDM)

A.1 Organisation

Partner number :

P3

X

Role in the application :

Partner Organisation

PIC number :

999844767

Full name of the organisation in Latin characters :

UNIVERSITA DEGLI STUDI DI CASSINO E DEL LAZIO MERIDIONALE

Business name :

UNICLAM

Accreditation type :

Erasmus Charter for Higher Education

Accreditation number :

29022-IC-1-2007-1-IT-ERASMUS-EUC-1

Status :

Public

Non profit organisation :

Yes

NGO :

No

Type of organisation * :

Higher education institution (tertiary level)

Registration date :

1979-01-02

Registration location :

CASSINO

Registration country code :

IT



Registered address:

Street name and number :

Postcode :

VIALE DELL UNIVERSITA - CAMPUS FOLCARA

03043

Town :

Cedex :

PO Box :

CASSINO

Country :

Region * :

Italy

Lazio

Internet address :

Telephone 1 :

Telephone 2 :

Fax :

+3907762911

A.2 Legal representative / contact person

Title * :

Family name * :

First name * :

PROF.

ATTAIANESE

CIRO

Department / Faculty :

Role in the organisation * :

E-mail address * :

RECTOR

rettore@unicas.it

☐

Check this box if the address is different from A.1

Address:

Street name and number * :

Postcode :

VIALE DELL UNIVERSITA - CAMPUS FOLCARA

03043

Town * :

Cedex :

PO Box :

CASSINO



Erasmus+

Form version : 2.1.1 EN Adobe Reader version : 11.01

Country *:

Italy

Region *:

Lazio

Telephone 1 *:

Telephone 2:

Fax:

+39 0776 2993281



Part A. Identification of the applicant and if applicable other organisation(s) participating in the project

This part must be completed separately for each organisation participating in the project, after they have registered in the central database (URF-PDM)

A.1 Organisation

Partner number :

P4

X

Role in the application :

Associated Partner

PIC number :

941874172

Full name of the organisation in Latin characters :

INSTITUTE OF TECHNOLOGY PETRONAS SDN BHD

Business name :

Accreditation type :

Accreditation number :

Status :

Private

Non profit organisation :

No

NGO :

No

Type of organisation * :

Higher education institution (tertiary level)

Registration date :

1995-07-25

Registration location :

MALAYSIA

Registration country code :

MY



Registered address:

Street name and number :

Postcode :

UNIVERSITI TEKNOLOGI PETRONAS BANDAR SERI ISKANDAR

31750

Town :

Cedex :

PO Box :

BANDAR SERI ISKANDAR

Country :

Region * :

Malaysia

Malaysia

Internet address :

www.utp.edu.my

Telephone 1 :

Telephone 2 :

Fax :

+6053688309

+6053688309

A.2 Legal representative / contact person

Title * :

Family name * :

First name * :

DR

HASHIM

ABDUL RAHIM

Department / Faculty :

Role in the organisation * :

E-mail address * :

Universiti Teknologi PETRONAS

Vice Chancellor

rahimhs@petronas.com.my

☐

Check this box if the address is different from A.1

Address:

Street name and number * :

Postcode :

UNIVERSITI TEKNOLOGI PETRONAS BANDAR SERI ISKANDAR

31750

Town * :

Cedex :

PO Box :

BANDAR SERI ISKANDAR



Erasmus+

Form version : 2.1.1 EN Adobe Reader version : 11.01

Country *:

Malaysia

Region *:

Malaysia

Telephone 1 *:

+605-3688181

Telephone 2:

Fax:



Part B. Description of the project

B.1 Summary of the project

For successful applications, this section will be published, as presented below, in compendia and other publications used for the promotion and publicity of the Erasmus Mundus Joint Master Degrees programme. You should therefore ensure that it gives a concrete overview of the joint programme in its content, structure and main characteristics (thematic area(s) covered, institutions involved, structure and length of the programme, final degree(s) awarded, etc.).

Please provide your summary in English, French or German language only. * : English

Please provide your summary * :

Medical Image Analysis and Computer Aided Diagnosis systems, in close development with new imaging techniques have revolutionized healthcare in recent years, allowing doctors to achieve a more efficient and early diagnosis and a better treatment. Technology behind those systems stems from research areas in computer science such as artificial intelligence, machine learning, computer vision, image processing and sensors and acquisition. The aim of the Medical Imaging and Applications (MAIA) EMJMD is the application of these areas for the specification, design, development of computer systems for the acquisition, analysis and interpretation of medical images with the aim of achieving a more efficient diagnosis and treatment.

The MAIA is a 2 years' joint master degree (120 ECTS) coordinated by the University of Girona (UdG, Spain) and with the University of Bourgogne (uB, France) and the Università degli studi di Cassino e del Lazio Meridionale (UNICLAM, Italy) as partners; and with the Universiti Teknologi Petronas (UTP, Malaysia) as an associated partner. The master will deliver a joint degree emitted by the UdG and recognised by all consortium members. The master is structured in four semesters: the 1st semester students study in uB the introductory subjects on image processing and medical imaging; in the 2nd semester they all move to UNICLAM for more advanced subjects in computer vision and pattern recognition. In the 3rd semester they visit UdG for applied modules on computer aided diagnosis and medical applications. The role of UTP is to complement the contents of those semesters through specific short courses and seminars done in the consortium institutions by expert staff from UTP. Finally, during the 4th semester, students do their master thesis in any of the universities of the consortia or UTP, or in any other HEI in the field. The thesis is defended in a public VIVA with a common jury from the three universities. The day after, the MAIA industrial day will take place, an opportunity for companies to be involved in the MAIA by proposing topics and specific needs but also to provide internships and job offers to students.

Another key aspect of the MAIA is the mobility scheme where each semester all students move from one university to another. This group mobility, in contrast with option-based mobility, permits to create a spirit de corps enhancing the integration to the master, intercultural awareness, self-empowerment and self-esteem of the students. The mobility has also been organized in line with the educational progress scheme: the university of each semester has been chosen by taking into account the expertise, research/educational facilities and the equipment. Being exposed to 3 different European countries and by providing cultural modules with language facilities in each of the universities, MAIA students will develop language competences and a better awareness of the European project, culture and EU values.

**B.2 Priorities addressed**

Please identify which, if any, of the Programme-level priorities this application addresses (maximum 2 choices)

Priorities**Horizontal priorities**

- ☐ Fostering the assessment of transversal skills
- ☐ Promoting the take-up of practical entrepreneurial experiences in education, training and youth work
- ☒ Promoting the professional development of staff and youth workers in ICT methodologies
- ☐ Supporting the production and adoption of Open Educational Resources in diverse European languages
- ☐ Facilitating the validation of non-formal and informal learning and its permeability with formal education pathways

Sectorial priorities

- ☐ Contributing to the modernisation of Europe's higher education systems as outlined in the 2011 EU Modernisation Agenda
- ☒ Developing partnerships between education and employment

Describe briefly how your project addresses these priorities *:

MAIA aims to train a new generation of engineers and scientists who will lead the development of technologies in the field of medical imaging and its applications. This involves both a strong ICT background and specific knowledge in the field.

The collaboration of companies is evident with the MAIA Industrial day (they meet with students to offer career prospects), the MAIA Industrial Board (they participate in the development of the curricula) and being MAIA patrons (help on sustainability).

B.3 Dates and languages**B.3.1 Dates and duration of the project**

Start date *: 01/09/2015 End date *: 31/08/2020 Duration (months):

60

B.3.2 Language for grant agreement and communication with the Agency

English



Part C. EMJMD Typology

120 ECTS (or 4 semesters)

C.1 The EMJMD corresponds to the equivalent of : *

C.2 Is the proposal a continuation of an established EMMC? * :

No

C.3 Has this application been subject of a proposal under previous EM calls for proposals? * :

No

C.4 Has this application been subject of a proposal under the previous E+ Joint Master Degrees call for proposals? * :

Yes

Please provide the first 6 digits of the last application number * : 553501

C.5 Does the joint programme include an internship/placement period? * :

Yes

C.6 Does the joint programme include study period(s) outside Programme Countries? * :

No

C.7 Do you apply for additional scholarships for targeted regions of the world? * :

Yes

C.8 EMJMD intake/edition duration

An EMJMD intake/edition will start in month * : 09 of year "n"

and will end in month * : 08 of year "n + " * : 2

C.9 The EMJMD tuition language(s) will be

Language to add : English

Add
language

en

Clear all
language(s)

Clear last
language



C.10 Thematic field

Main area

Level 1 * : Natural sciences, mathematics and statistics, inter-disciplinary programmes

Code : 0588

Level 2 * : Mathematics and statistics, not elsewhere classified

Code : 0549

Clear main area

Please specify * : Computer Science, Image analysis, Artificial intelligence.

Second area

Level 1 : Health and Welfare, inter-disciplinary programmes

Code : 0988

Level 2 : Medical diagnostic and treatment technology

Code : 0914

Clear second area

Third area

Level 1 : Information and Communication Technologies (ICTs), inter-disciplinary programmes

Code : 0688

Level 2 : Information and Communication Technologies (ICTs), not further defined

Code : 0610

Clear third area



C.11 Degree(s) intended to be awarded

The joint programme will result in the award of a * :

☒ Erasmus Mundus Joint Master Degree

i.e. one single diploma issued on behalf of at least two higher education institutions from different Programme Countries and fully recognised in these countries.

☐ Multiple/Double Master Degree

i.e. at least two diplomas issued by two HEIs from different Programme Countries and fully recognised in these countries.

Partner number :

PIC :

Name of the Master Degree Awarding Organisation :

P1

999895983

UNIVERSITAT DE GIRONA

Official name of the degree in		Type	Accreditation status			
National language	English	Degree type intended to be awarded	Already accredited?	Date of accreditation	Accreditation validity end date	Next review date of accreditation
Máster oficial en Imagen médica y aplicaciones	Official Master in Medical Imaging and Applications	National Master Degree	No			
Máster oficial en Imagen médica y aplicaciones	Official Master in Medical Imaging and Applications	Erasmus Mundus Joint Master Degree	No			

X



Partner number : PIC : Name of the Master Degree Awarding Organisation :

P2 999839820 UNIVERSITE DE BOURGOGNE

Official name of the degree in		Type	Accreditation status			
National language	English	Degree type intended to be awarded	Already accredited?	Date of accreditation	Accreditation validity end date	Next review date of accreditation
Master Sciences et Technologies de l'Information et de la Communication	Master in Medical Imaging and Applications	National Master Degree	No			
						Add a degree

Partner number : PIC : Name of the Master Degree Awarding Organisation :

P3 999844767 UNIVERSITA DEGLI STUDI DI CASSINO E DEL LAZIO MERIDIONALE

Official name of the degree in		Type	Accreditation status			
National language	English	Degree type intended to be awarded	Already accredited?	Date of accreditation	Accreditation validity end date	Next review date of accreditation
Laurea Magistrale	Master in Medical Imaging and Applications	National Master Degree	No			
						Add a degree



Part D. Grant request

The EMJMD grant is entirely composed by lump sums and unit costs. All elements (ECTS credits, EMJMD participation costs, estimated number of students to be enrolled), on the basis of which the grant is automatically calculated, are requested in a separate Excel file available on the EMJMD eForm website (see Annexes), which must be attached to the eForm.

If relevant, applicants applying for additional scholarships intended for students from targeted regions of the world must enter the estimated number of students to be enrolled in a separate table. The EXCEL table calculates the grant amount request for this category of scholarships separately.

The total EMJMD grant request amount(s) as calculated by the Excel table and the amount(s) entered in the field(s) below must be identical. All budgetary information must be provided in EURO - €.

Grant Request		
EMJMD grant request	1 745 000,00 €	Must be less or equal to 2.375.000€
Additional scholarships for students from targeted regions of the world	630 000,00 €	Must be less or equal to 735.000€
TOTAL EMJMD grant request	2 375 000,00 €	



Attachments

Step 1 - Description of the project: Award criterion "Relevance of the project" *

Word document (doc,docx) or PDF document (pdf) (maximum 15 pages - Times New Roman - Font 11)

Document: 4_emjmd_award_criterion_step1_en.pdf

Step 2 - Description of the project: Award criteria 2, 3, 4 * (maximum 20 pages - Times New Roman - Font 11)

Projects implemented /Skills and expertise /Other EU grants * (maximum number of characters apply)

Word document (doc,docx) or PDF document (pdf)

Document: 4_emjmd_award_criterion_step2_en.pdf

Step 2 – Award criterion for additional scholarships for targeted regions of the world *

Word document (doc,docx) or PDF document (pdf) (maximum 10 pages - Times New Roman - Font 11)

Document: 4_emjmd_award_criterion_step2-additional-ac_en.pdf

EMJMD Grant request *

Excel document (xls, xlsx)

Document: 4_emjmd_grant-request_done.xlsx

Declaration on Honour by the Legal Representative of the applicant organisation & Mandate by each partner *

PDF document (pdf)

Document: 4_emjmd_declaration_mandate_en.pdf

Other relevant annexes

Word document (doc,docx) or PDF document (pdf) - (maximum 50 pages)

Document: Other Relevant Annexes.pdf



Erasmus+

Form version : 2.1.1 EN Adobe Reader version : 11.01

Submission number :

564522-EPP-1-2015-1-ES-EPPKA1-JMD-MOB



Useful links

Item	Link
Agency's eForm homepage :	http://eacea.ec.europa.eu/eforms/index_en.php
eForm technical user guide :	http://eacea.ec.europa.eu/eforms/index_en.php
Known technical issues :	http://eacea.ec.europa.eu/eforms/index_en.php#issues

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