

Partner Search Form

Institution/ Contact person:			
Last Name	KHELIL	First Name	Ahmed Hichem
Institution	The University of Science and Technology Houari Boumediene (USTHB) Faculty of physics		
Role in the institution	PhD student		
Address	City Chouhada n°8		
Town	Batna	Country	Algeria
Telephone	+213.664.546.458	Email	k.a.hichem.islem@gmail.com
Homepage address of the institution	http://www.usthb.dz/		
Information about the planned project:			
Erasmus + International cooperation Activity (higher education sector) – experimental idea	Please, tick the appropriate one/ ones : <input checked="" type="checkbox"/> Erasmus + KA1: International students and staff credit mobility <input type="checkbox"/> Erasmus + KA1 : Erasmus Mundus Joint Master Degrees <input type="checkbox"/> Erasmus + KA2 : Capacity Building Higher Education in Partner Countries <input type="checkbox"/> Erasmus+ Jean Monnet program		
Discipline / Academic field	Physics/ Ultrasonic physics		
Institution's preferable role in the project? (applicant/ partner)	<input type="checkbox"/> Applicant <input checked="" type="checkbox"/> Partner		
Which countries are about to be involved?	Erasmus + Programme Countries	Algeria	
	Erasmus + Partner Countries		
Working language of the project consortium = language of the project application	English language or French		
Duration of the project	3 years		

PROJECT DESCRIPTION:
<p><u>Objectives</u> realization of new transducer with practical application in biomedical sector</p>
<p><u>Activities</u></p> <ul style="list-style-type: none"> • Modeling the ultrasonic radiated field • Realization of piezoelectric transducer

<u>Results</u>

We are searching for:

Types of institutions	University or institute of science and technology
Country/ Region	Austria, Belgium, Croatia, Denmark, Finland, Germany, Hungary, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Spain, Sweden, United Kingdom.
Institutions' profiles	Public university, research center, interested in the development of ultrasonic probe for biological investigation
Other relevant information	

The University of Science and Technology Houari Boumediene (USTHB) is located 15 km from the center of Algiers and 5 km from the international airport "Houari Boumediene". The USTHB is built on a site of 140 hectares according to the plans of the famous Brazilian architect Oscar Niemeyer (1907-2012).

The USTHB is a public University, it has 8 faculties. In total there are 32503 undergraduate students in 35 core and repository training courses in the fields of:

- Life Sciences and Life Sciences (SNV)
- Science and Technology (ST)
- Earth Sciences, Geology and Geography and Territorial Development (STU-Géol and STU-GAT),
- Mathematics and Computer Science (MI)
- Sciences of Matter (SM).

For the Master, their number is 9599 spread over 90 offers, The number of students enrolled in under graduation is 42102.

It is expected a staff of 1456 students in Doctorate LMD, 1264 in Doctorate in Sciences. In total 2720 are expected in Post-Graduation.

Regarding the International Cooperation , we have :

-PHC / Tassili:

The Hubert Curien partnership (PHC) Tassili supports the Algerian-French scientific cooperation. In particular, the PHC Tassili aims to promote support for young researchers. It is funded by the Algerian

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Bureau National ERASMUS+ & HERES

Ministry of Higher Education and Scientific Research (MESRS) and the French Ministry of Foreign Affairs (MAE).

It is under the responsibility of the Joint Evaluation and Foresight Committee (CMEP), composed of experts from both countries.

-PHC / Maghreb:

The "PHC Maghreb" Program for Multilateral Projects Involving Partners in the 3 Maghreb Countries (Algeria, Morocco, Tunisia) with French Partners.

-AGREEMENT DPGRF / CNRS

This program is intended to develop scientific research collaborations in all scientific fields between Algeria and France, it is reserved for research teams made up of experienced researchers and young researchers.

-The ERASMUS+ project SM Weld

Promotes a novel education and training model of university-industry partnership to foster the quality of the workforce while contributing to transfer knowledge, increase employability of engineers and technical staff as well as supply the North-African industry with highly qualified personnel.

We are interested in working with your Institutions in ultrasound physics, specifically in the design and realization of ultrasonic transducer, in the framework of Erasmus + International cooperation field higher education sector – (technology realization) and establish an Inter-Institutional agreement in Erasmus+ KA1 107 : International students and staff credit mobility.