

Appel à candidatures

Dans le cadre des activités du Projet MathICs (Strengthening Mathematics Education by the use of ICTs in Morocco), une formation sera organisée l'année universitaire prochaine au profit des professeurs de Mathématiques (voir le document ci-joint pour plus d'information).

Les enseignants de Mathématiques qui souhaitent participer à la formation et qui répondent aux critères mentionnés ci-dessous, sont priés de remplir le formulaire suivant **avant le 22 juillet 2021** : <https://forms.gle/6okpTsy8orwJUjtT9>

Pour toute information complémentaire, veuillez contacter le professeur Driss Bennis (driss.bennis@fsr.um5.ac.ma)

Conditions de participation:

Les professeurs intéressés doivent remplir les conditions suivantes :

- Etre professeur de Mathématiques dans l'un des établissements suivants : UM5 de Rabat ; UCA de Marrakech ; UIT de Kénitra ; USMS de Beni Mellal ; École Nationale Supérieure des Mines de Rabat et Académie Internationale Mohammed VI de l'Aviation Civile, Casablanca.
- Le professeur invité s'engage à suivre l'intégralité du processus de formation sauf cas de force majeure.
- Après chaque activité de formation, le participant sera invité à remplir un formulaire de rapport qui servira d'outil pour mesurer la qualité de la formation. Ainsi, le participant doit s'engager à remplir et retourner les questionnaires de qualité.
- Au cours des activités de formation, les organisateurs produiront des contenus audiovisuels dans lesquels les participants pourraient apparaître et qui seront diffusés via le réseau à des fins de diffusion du projet. Ainsi, le participant doit donner son consentement à ce que ces contenus soient diffusés à ces fins.

A short presentation of the project MathICs

Project Title: Strengthening Mathematics Education by the use of ICTs in Morocco.

Type: Erasmus+ (Key Action 2) joint project (Capacity Building in the field of Higher Education).

Duration: 3 years.

Project category: 3. Developing the Higher Education sector within society at large.

New technologies in higher education: support to the modernization of Higher Education systems through the development of open educational resources, connectivity, the acquisition of digital skills and learning methods and mobilization of stakeholders including teachers, learners, economic and social partners.

Consortium of MathICs:

- PROGRAM COUNTRIES

1. Universidad de Almería, Spain (Coordinator)
2. École Centrale de Nantes, France
3. Universidade de Lisboa, Portugal
4. Synapstic S.L., Almería, Spain

- PARTNER COUNTRY (MOROCCO)

5. Université Mohammed V de Rabat
6. Université Cadi Ayyad de Marrakech
7. Université Ibn Tofail de Kénitra
8. Université Sultan Moulay Slimane, Beni Mellal
9. École Nationale Supérieure des Mines de Rabat
10. Académie Internationale Mohammed VI de l'Aviation Civile, Casablanca

- ASSOCIATES

Réseau Méditerranéen des Écoles d'Ingénieurs et de Management (RMEI), Marseille, France.

Société Marocaine de Mathématiques Appliquées (SM2A).

Moroccan Association of Private Higher Schools (AMESUP)

Jiwar éducation et développement

Presentation:

MathICs is one of the 164 selected Erasmus+ CBHE projects out of 1005 applications submitted in 2020, with a success rate of 12% in the South Mediterranean region. It has a budget of nearly 1,000,000€ and it aims to strengthen the teaching of mathematics in Morocco through the use of new information and communication technologies (ICT) in order to contribute to the modernization of the mathematics education system in Morocco.

Thus, MathICs is a project designed and structured to help implement the use of ICTs in the Moroccan educational system in general, and particularly in the teaching of mathematics, and based on the vast experience of three European institutions of higher education with great tradition and prestige in this field.

MathICs will organize three training sessions together with a final phase of application of the knowledge acquired. These training sessions will be given twice (two periods) to two different groups of trainees, but both sessions will have exactly the same content and structure.

Training 1. Training in the use of software in mathematics and some teaching material.

Training 2. Training in the creation of moocs, visual content and, in general, e-learning mathematics content.

Training 3. Training in some pedagogical teaching methods using ICT in the classroom.

Training 4. “Pedagogical adaptation to mathematics lessons”. The last step of the training period will take the form of a workshop presenting practical activities on the knowledge acquired.

The first period training program is aimed primarily at mathematics teachers from higher education institutions. The first three trainings will take place at the European institutions: UAL in Almería (Spain); ECN in Nantes (France) and IST in Lisbon (Portugal).

The training program of the second period includes the same training program of the first period and it is also open to PhD students. All sessions will be organized in Morocco and will be taught by professors from the three European partner institutions with the assistance of some of the Moroccan professors trained in the first period.

To succeed in its mission, MathICs will install two ICT-based classrooms in each of the Moroccan partner institutions: one of them is intended to meet the needs of digital content creation, and the other will be a classroom set up for distance education classes.

Project Coordinator :

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