

## APPLICATION FORM FOR IMU MEMBERSHIP (GROUP I) OF MOROCCO

Morocco is located in the north of Africa and south of Spain (from Europe). The population of Morocco is about 40 million with a big ratio of young people. From one public university in 1956, when the country attained its independence, 12 public universities have been built, where one can find a Mathematical department with a PhD program running. Also the growing number of private universities, from 2 in 2012 to 10 in 2017, should be emphasized.

The most active universities in Mathematical research are: Mohamed V university in Rabat,- Caddi Ayyad University in Marrakech,- Mohammed premier university in Oujda,- Hasan II university in Casablanca- Moulay ismail university in Meknes- Ibnou zohr university in Agadir- Mohamed Ben abdellah university in Fez- Chouaib Doukkali university in El Jadida- Abdel malek essaadi university in Tetouan. - Moulay slimane university in Tetouan,- Hassan premier university in Settat.

Hassan II Academy of Sciences and Technics in Rabat is organizing regularly scientific events, Some colleagues mathematicians are permanent members of that academy.

The Kingdom of Morocco has also invested in human capital development to train mathematicians and many of them joined top overseas universities to acquire PhD and do research. Many among them come back to the country. This contributed to let the Mathematical education and research to be of a good standard and worldwide accredited. In particular Morocco could be a leadership for Africa in Mathematical Education and Research.

The number of permanent professors in mathematics in public universities is about 800 professors. More than 1000 students are graduated each year in mathematics. Most of permanent professors have also research as duty and carry a reasonable activity of research. For Phd students, a limited number of temporary research positions are offered. The number of PhD students in Morocco is around 600. There are two Moroccan Mathematical Societies:

- Société Marocaine de Mathématiques: enseignement et recherche (SMMer),
- Société Marocaine de Mathématiques Appliquées (SMMA).

There are also several networks focusing on some specific mathematics fields (some networks are involving more that 60 members). An exhaustive list of mathematicians with significant research impact is not easy to provide (either by publication or local involvement in developing countries). From Scimago reports we obtain the next statistics. Morocco is always in the top 4 publications provider in Africa even if there is no mathematical journal produced by the country. The number of papers produced by the Moroccan mathematical community exceeds the number given in Scimago:

• 2016: 838 • 2015: 552 • 2014: 717 • 2013, 559

It is to underline that, Mathematicians in Morocco established strong collaborative

linkage with many international universities. Regularly, mathematics conferences, seminars and workshops national and international are held in Morocco to update on current research and to enhance collaborative ties. For example Morocco hosted 3 of the 9 Pan African congresses of Mathematicians (PACOM 1976, PACOM 1995 and PACOM 2017). However, the community is not well organized. There is no global national Mathematical society (or union) and no Mathematical journal is produced in Morocco.

Adhering Organization:

As required by the statute of IMU the Moroccan Adhering Organization is as follows:

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