

Position Announcement

Job Title: Professor in “Algorithms”.

Area of specialization in Education and Research: The professor will develop research activities in several aspects of algorithms, including complexity theory and decidability.

Job description:

Mohammed VI Polytechnic University invites applications for a Professor position at all ranks (assistant, associate of full), specialized in the area of algorithms. Candidates are expected to be ambitious and work in the front line of computer and communication sciences research fields with a strong focus on innovation, in close collaboration with international academic and industrial partners.

The position is open to individuals with a PhD degree from a recognized university and with substantial expertise in *algorithms*. Qualified candidates will be recruited according to their academic accomplishments. For applications at the assistant professor level, candidates should demonstrate excellent research potential. Candidates at more senior levels should in addition have an established record of outstanding and recognized research achievements. Good oral and writing communication skills represent a significant added value with fluency in French and English.

A successful candidate will be expected to lead a research team of graduate students as well as be able to teach at the undergraduate and graduate levels. Successful candidates will have the opportunity to contribute to build a first-class research-oriented School of Computer and Communication Sciences at UM6P.

Key duties:

Successful candidates are expected to have the capacity to:

- Teach graduate students in *advanced algorithms*.
- Teach undergraduate students in computer science or communication systems.
- Develop ambitious research projects.
- Leverage different communication and disseminations tools.
- Pursue permanent trainings in order to improve up-to-date capacities.
- Supervise graduate students.

Criteria of the candidate:

General Criteria

- PhD from a highly recognized University.
- Demonstrated understanding of operational requirements for a successful research project and managing resources.
- Proven ability to identify and fulfill the academic writing requirements for target publications.
- Ability to generate new ideas, links, and to build upon existing ideas to generate good concepts and solutions.
- Demonstrated teaching skills.
- Demonstrated supervision skills.

Specific Criteria

- Quality of scientific achievements and impact of publications.
- Number of publications in peer-reviewed conferences and journals.
- Contribution and presentations in national and international symposiums.
- Supervision of graduate students.
- Teaching experience.

Skills:

Research skills

- Algorithms.
- Complexity.
- Theoretical Computer Science.

Teaching skills

- Computer Science.
- Provide mentoring and advertisement to students, the school and university.

About UM6P:

Located at the heart of the future Green City of Benguerir, Mohammed VI Polytechnic University (UM6P), a higher education institution with an international standard, is established to serve Morocco and the African continent. Its vision is honed around research and innovation at the service of education and development. This unique nascent university, with its state-of-the-art campus and infrastructure, has woven a sound academic and research network, and its recruitment

process is seeking high quality academics and professionals in order to boost its quality-oriented research environment in the metropolitan area of Marrakech.

About CCS:

The Computer and Communication Sciences School (CCS) is a central component of the University Mohammed VI Polytechnic (UM6P). The main goal of CCS is to set up an unprecedented research-education program, of international level, to address the UM6P challenges in terms of research and education, covering all aspects of computer and communication sciences.

Applications and selection procedure:

- Applications must be sent to: DNA@um6p.ma in a single electronic zipped folder with the mention of the job title in the mail's subject. The folder must contain:
 - A cover letter indicating the position applied for and the main research interests.
 - A detailed CV.
 - A brief research statement.
 - Contact information of 3 references (applicants are assumed to have obtained their references' consent to be contacted for this matter).

- The short-listed candidates will be invited to meet the university selection committee.

About compensation package:

- Best in class salaries
- 30% annual bonus on gross salary.
- Research budget allowance to professor
- Best in class:
 - IP sharing policy (33% for professor)
 - MOOCs policy (60% for professor)
 - Consulting policy (100% for professor when teaching time is completed)

- Complete benefits including housing, tuition fees, life & medical insurance, retirement, maternity leave and sabbatical.