



**PhD topic #6: Heuristic methods for big data associative classification mining**

The goal of the thesis is to investigate the integration of heuristic methods in associative classification algorithms in a Big Data scenario. The first step will be to survey the existing Big Data algorithms for associative classification and apply such algorithms on benchmarks. In a second step, ways of integrating heuristics approaches in these algorithms are to be identified, implemented and tested to come up with new efficient methods. Such methods will also pave the way for multiple application perspectives.

- The doctoral candidate will be supervised by Dr Larbi Alaoui.
- Applicants must have a Master (or equivalent) in computer science or equivalent field.
- Good skills in C++/Java programming and a good command of English are required. Prior research experience is viewed positively but is not necessary.
- Applications should be emailed to [ticlab-admin@uir.ac.ma](mailto:ticladmin@uir.ac.ma) and [doctorat@uir.ac.ma](mailto:doctorat@uir.ac.ma)