**Call for Papers on ICCMIT 2015:**

**Computing Graduates and the Job Market Needs**

**Organized by:**

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**Objective and Motivation**

Advances in information technology continue to grow at an increasingly fast pace. The session motivation is to shed light on the vital need of a new computing curriculum. It is not only a supply and demand shortage:  certifications, experience, and other qualities are issues. Information Technology, Computer Science, Computer Engineering, Information Sciences, Information Technology are all computing disciplines, yet employers are confused when hiring on the difference among these  programs, creating a job mismatch. In the current time, it is assured that there is a serious mismatch between employers’ and students’ expectations about both type and level of computing skills required for employment. There are several reasons identified for this, but it was clear that employers found it difficult to express what it is that they actually required in the way of computing skills, and students interpreted these rather ambiguous descriptions at the lowest possible level. Employers assumed that because a graduate had been to university and was young, that he or she would be able to use computers proficiently in a business situation. On other hand, the students, for their part, are confident in their ability, but most were not aware of the skills that would be required in the business world.

**Scope and Interests**

The major implication of this work is that if the lack of communication between employers and prospective employees continues, employers may not be able to find graduates with the level of computing skill they are seeking. This proposal highlighted the differences between the requirements that employers are trying to express when placing job advertisements and the interpretations that graduates make when reading job advertisements. Employers made the assumption that all graduates would have good computing skills, and the students, after little formal training, had high levels of confidence in their computing ability but little understanding of workplace computing requirements. Prospective authors are invited to submit original papers to the Special Session in the following related areas, but not limitted to:

* Computer literacy
* Digital natives
* Computer literacy skills
* Ubiquitous computing
* Computing Education
* Labor Market
* Recruitment difficulties
* Enterprise requirements
* Market analysis tools
* Accreditation

**Paper Submission Important Dates**

All instructions and templates for submission can be found in the ICCMIT 2015 web site: <http://www.iccmit.net/>. Please, contact the special session organizers if you are planning to submit any paper.

###### Paper submission: until February 28, 2015 Notification of acceptance: March 7, 2015Final paper submission and authors camera ready: March 15, 2015Conference Dates: April 20-22, 2015