

Universidade Federal de Minas Gerais
Computer Science Department

2015/2016 Plan

**A Characterization of the Brazilian Academic
Research from the Perspective of Sub-areas**

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BELO HORIZONTE
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1 Activities

1. **WSDM-Cup**: submit a new ranking with the 3rd Microsoft Academic Graph now available. Submit a paper with an overview of our methodology and basic strategies.
2. **Last courses**: conclude the two remaining courses: Recommendation Systems and Computer Architecture. Last deadline: December 10.
3. **Project: Problem definition**: clarify the scope of the project. What we want to exploit/answer and what we do not.
4. **Dataset**: define the dataset to be used (Microsoft Graph/Lattes/D-BLP) and which part of data is relevant to work. Verify what we already have and which information have to be extracted.
5. **JCDL: Experiments**: test the hypotheses defined in tasks 3 and 4. Evaluate the results against some of our ground-truths.
6. **JCDL**: submit a paper to JCDL.
7. **Master's project proposal**: submit a project proposal to UFMG/DCC.
8. **Teacher assistant**: complete this program requirement for Master's degree.
9. **Project experiments**: do more and deeper experiments in order to obtain a good characterization of academic research, possibly in another areas as physics, biochemical and economics.
10. **Master's dissertation**: write the dissertation.

2015/2016 Schedule								
Task	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
WSDM-Cup	X	X	X					
Last courses	X	X						
Project: Problem definition		X						
Dataset		X	X					
JCDL: Experiments		X	X					
JCDL			X					
Master's project proposal				X				
Teacher assistant					X	X	X	X
Project experiments				X	X	X	X	
Master's dissertation						X	X	X

Important Dates	
JCDL	
Paper submission deadline	January 17, 2016
Notification of acceptance	March 16, 2016
Final camera-ready deadline	April 6, 2016
WSDM-Cup	
Phase 2 submissions	December 1, 2015
Phase 2 evaluation closes	January 31, 2016
WSDM Cup Workshop	February 22, 2016

2 Research Questions

1. Given a sub-area and one simple venue as reference, could we naturally construct a reliable network of relevance? How the result changes if we increase the number of venues?
2. How we can effectively compare the academic production around the world? Is it a good idea to adopt a sub-area perspective?
3. How significant is the scientific impact of brazilian research groups if we compare it to the impact of other research groups (e.g. in US and Europe)?