



**CENTRO FEDERAL DE EDUCAÇÃO TECNOLÓGICA DE MINAS GERAIS**  
**ENGENHARIA DA COMPUTAÇÃO - DEPTO DE COMPUTAÇÃO (DECOM)**  
**SEMINÁRIO - VALOR: 15 PTS - ENGENHARIA DE SOFTWARE I**  
**PROF.: EDUARDO CUNHA CAMPOS**

O seminário consistirá na apresentação de um artigo (do inglês, *paper*) da área de Engenharia de Software. Os alunos serão divididos em 10 grupos, sendo: 9 grupos de 3 pessoas e 1 dupla. Cada grupo irá apresentar um único artigo. Abaixo, segue a relação dos artigos que foram definidos pelo professor. A duração de cada seminário é de no máximo 25 minutos. A data limite para a definição dos grupos é dia **31/10/19**.

**Paper 1:**

*"Why Good Developers Write Bad Code: An Observational Case Study of the Impacts of Organizational Factors on Software Quality"*

Mathieu Lavalée and Pierre N. Robillard

Link: [WhyGoodDevelopersWriteBadCode.pdf](#)

**Paper 2:**

*"A Large Scale Study of Programming Languages and Code Quality in Github"*

Baishakhi Ray, Daryl Posnett, Vladimir Filkov, Premkumar Devanbu

Link: [CodeQualityInGitHub.pdf](#)

**Paper 3:**

*"Hipikat: Recommending Pertinent Software Development Artifacts"*

Davor Cubranic, Gail C. Murphy

Link: [Hipikat.pdf](#)

**Paper 4:**

*"Mining Version Histories to Guide Software Changes"*

Thomas Zimmerman, Peter Weisgerber, Stephan Diehl and Andreas Zeller

Link: [MiningVersionHistories.pdf](#)

**Paper 5:**

*"Who Should Fix This Bug?"*

John Anvik, Lyndon Hiew and Gail C. Murphy

Link: [WhoShouldFixThisBug.pdf](#)

**Paper 6:**

*"Trade-Offs in Continuous Integration: Assurance, Security, and Flexibility"*

Michael Hilton, Nicholas Nelson, Timothy Tunnell, Darko Marinov, DannyDig

Link: [Trade-Offs-Continuous-Integration.pdf](#)

**Paper 7:**

*"Visualization of Test Information to Assist Fault Localization"*

James A. Jones, Mary Jean Harrold, and John Stasko

Link: [Visualization-Test-Information.pdf](#)

**Paper 8:**

*"MAPO: Mining and recommending API usage patterns"*

Hao Zhong, Tao Xie, Lu Zhang, Jian Pei, Hong Mei

Link: [MAPO.pdf](#)

**Paper 9:**

*"Parseweb: a programmer assistant for reusing open source code on the web"*

Suresh Thummalapenta, Tao Xie

Link: [PARSEWeb.pdf](#)

**Paper 10:**

*"Taming Android Fragmentation: Characterizing and Detecting Compatibility Issues for Android*

*Apps"* Lili Wei, Yepang Liu, and Shing-Chi Cheung

Link: [Taming-Android-Fragmentation.pdf](#)