

 [Program print available here](#)

## DAY 1

16:00-  
17:00 **MSR Challenge** [Session Chair: Olga Baysal]

*(Honorable Mention)* **A Study of External Community Contribution to Open-Source Projects on GitHub**

Rohan Padhye, [Senthil Mani](#) and [Vibha Singhal Sinha](#)


*(IBM Research, India)*

 [Article Search](#)

**Understanding “Watchers” on GitHub**

Jyoti Sheoran, Kelly Blincoe, Eirini Kalliamvakou, [Daniela Damian](#) and Jordan Ell

*(University of Victoria, Canada)*

 [Article Search](#)

*(Honorable Mention)* **Do developers discuss design?**

[João Brunet](#), Gail C. Murphy, [Ricardo Terra](#), [Jorge Figueiredo](#) and [Dalton Serey](#)

*(Federal University of Campina Grande, Brazil; University of British Columbia, Canada; Federal University of Lavras, Brazil)*

 [Article Search](#)

**Magnet or Sticky?: An OSS Project-by-Project Typology**

Kazuhiro Yamashita, Shane McIntosh, [Yasutaka Kamei](#) and Naoyasu Ubayashi


*(Kyushu University, Japan; Queen's University, Canada)*

 [Preprint Available](#)

**Security and Emotion: Sentiment Analysis of Security Discussions on GitHub**

Daniel Pletea, [Bogdan Vasilescu](#) and [Alexander Serebrenik](#)

*(Eindhoven University of Technology, Netherlands)*

 [Article Search](#)

*(MSR Challenge Winner/Honorable Mention)* **Sentiment Analysis of Commit Messages in GitHub: An Empirical Study**

Emitza Guzman, David Azócar and Yang Li.


*(TU München, Germany)*

 [Article Search](#)

**Analysing the ‘Biodiversity’ of Open Source Ecosystems: The Github Case**

[Nicholas Matragkas](#), [James Williams](#), [Dimitris Kolovos](#) and Richard Paige

*(University of York, UK)*

 [Article Search](#)

**Co-Evolution of Project Documentation and Popularity within Github**

Karan Aggarwal, [Abram Hindle](#) and [Eleni Stroulia](#)


*(University of Alberta, Canada)*

 [Preprint Available](#)

**An Insight into the Pull Requests of GitHub**

[Mohammad Masudur Rahman](#) and [Chanchal K. Roy](#)

*(University of Saskatchewan, Canada)*

 [Preprint Available](#)

MSR 2014, The 11th Working Conference on Mining Software Repositories. |Corporate Supporters: Microsoft Research and GitHub  
|Sponsors: IEEE TCSE and ACM SIGSOFT.

May 31–June 1, 2014. Hyderabad, India. |Co-located with [ICSE 2014](#).