

*E-mail* igor.steinmacher@nau.edu

*Webpage* <http://www.igor.pro.br>

*Phone* +1 (928) 380-0301

*Date of Birth* March 22, 1980

## Short Bio

I completed a PhD in Computer Science at the Institute of Mathematics and Statistics at University of São Paulo in February 2015. Currently, I am an Assistant Professor at the School of Informatics, Computing and Cyber Systems at Northern Arizona University. I was an Assistant Professor at Federal University of Technology, Brazil and a Visiting Scholar at the University of California, Irvine from July 2013 to January 2014.

My research is on the intersection of Software Engineering (SE), HCI and Computer Supported Cooperative Work (CSCW). Currently, my main focus on supporting newcomers to Open Source Software development, and how to leverage Open Source as an opportunity for learning new skills. My interests revolve around Human Aspects of Software Engineering, Empirical Software Engineering, Data Analysis, and Mining Software Repositories. I have experience on both quantitative and qualitative research, applying the methods and approaches that are most suitable for the problem and research.

## Education

Title	Year	Institution
Ph.D. in Computer Science	2015	University of São Paulo (USP), Brazil
M.Sc. in Computer Sciences	2005	Federal University of Rio Grande do Sul (UFRGS), Brazil
Bachelor in Computer Science	2003	State University of Maringá (UEM), Brazil

## Professional experience

Institution	Period	Position
<b>Northern Arizona University (NAU), USA</b> School of Informatics, Computing and Cyber Systems	2018 – present	Assistant Professor
	2017 – 2018	Post-doctoral Scholar
<b>Federal University of Technology – Paraná (UTFPR), Brazil</b> Department of Computing	2015 – 2017	Assistant Professor
	2009 – 2015	Faculty (Lecturer)
<b>University of California, Irvine (UCI), USA</b> Department of Informatics	2013-2014	Visiting Scholar
<b>Faculdades Santa Cruz</b>	2006-2009	Lecturer
<b>HSBC Global Technology</b>	2006-2009	Project Manager
	2006-2006	Senior Software Analyst
<b>São Paulo State University (UNESP)</b>	2005-2005	Lecturer

## Highlights

- Lead guest editor of the Thematic Series on Free and Open Source Software Development, SpringerOpen Journal of Internet Services and Applications (JISA)
- Co-editor of the Special issue on “20 Years of Open Source—Impact on Software Engineering Practice” of IEEE Software
- Awarded with a FAPESP/CGI grant (2017-2019), a CNPq grant (Universal project – 2016) and a Fundação Araucária Grant (2012-2014) – all Brazilian grants.
- Supervising 1 M.Sc. student
- Currently co-supervising 2 Ph.D. and 1 M.Sc. students

- Supervised 20+ undergraduate research students, 3 M.Sc. and 1 Ph.D.
- Previous member of the steering committee of the SBSC – Brazilian Symposium on Collaborative Systems/Special Interest Group on Collaborative Systems (2015 – 2016)
- Program Committee (PC) member of many international conferences and workshops (e.g., ICGSE, ICSME, EASE, OSS, CHASE, ICSE-NIER)
- General co-chair of the Brazilian Conference on Software (CBSOFT 2016) and Workshop on Free Software 2014 and 2015 (WSL)
- Reviewer of high quality journals (EMSE, IST, CSCW, IET Software, ACM Computer Surveys, TSE)
- Citation index **H14** (Google Scholar)

## Publications (Since 2010)

★ – indicates well-ranked/high-visibility venues in my area

### Books

- 1 2017 ZORZO, Avelino. F.; NUNES, Daltro J.; MATOS, Ecivaldo S.; **STEINMACHER, Igor**; LEITE, Jair C.; ARAUJO, Renata; CORREIA, Ronaldo C. M.; MARTINS, Simone. **Referenciais de Formação para os Cursos de Graduação em Computação** 2017. 1. ed. Porto Alegre, RS: Sociedade Brasileira de Computação (SBC), 2017. v. 1. 153 p. ISBN: 9788576694243.

### Journal Papers

- 13★ 2018 **STEINMACHER, Igor**; GEROSA, Marco A; CONTE, Tayana; REDMILES, David F. Overcoming Social Barriers when Contributing to Open Source Software Projects. In: **Computer Supported Cooperative Work**, 2018.
- 12★ 2018 PINTO, Gustavo; **STEINMACHER, Igor**; DIAS, Luiz Felipe; GEROSA, Marco A. On the Challenges of Open-Sourcing Proprietary Software Projects. In: **Empirical Software Engineering Journal**, 2018.
- 11★ 2018 BALALI, Sogol; **STEINMACHER, Igor**; ANNAMALAI, Umayal; SARMA, Anita; GEROSA, Marco A. Newcomers' Barriers... Is That All? An Analysis of Mentors' and Newcomers' Barriers in OSS Projects. **Computer Supported Cooperative Work**, 2018.
- 10★ 2018 **STEINMACHER, Igor**; TREUDE, Christoph; GEROSA, Marco A. Let me in: Guidelines for the Successful Onboarding of Newcomers to Open Source Projects. **IEEE SOFTWARE**, p. 1-1, 2018.
- 9 2018 DIAS, Luiz Felipe; **STEINMACHER, Igor**; PINTO, Gustavo, Who Drives Company-Owned OSS Projects: Internals or Externals Members? **Journal of the Brazilian Computer Society**, 2018
- 8 2018 BERGAMINI, Anderson; **STEINMACHER, Igor**; WIESE, Igor Scaliante, Characterizing the hyperspecialists in the context of Crowdsourcing Software Development. **Journal of the Brazilian Computer Society**, 2018
- 7 2017 **STEINMACHER, Igor**; ROBLES, Gregorio; FITZGERALD, Brian; WASSERMAN, Anthony. Free and open source software development: the end of the teenage years. **Journal of Internet Services and Applications**, v. 8, p. 17, 2017.
- 6★ 2017 ZANATTA, Alexandre L.; **STEINMACHER, Igor**; MACHADO, Leticia S.; de SOUZA, Cleidson; PRIKLACNICKI, Rafael. Barriers Faced by Newcomers in Software Crowdsourcing Projects, **IEEE Software**, Mar/Apr 2017
- 5★ 2017 WIESE, Igor Scaliante; RÉ, Reginaldo; **STEINMACHER, Igor**; KURODA, Rodrigo T.; OLIVA, Gustavo A.; TREUDE, Christoph; GEROSA, Marco A. Using Contextual Information to Predict Co-changes. **The Journal of Systems and Software**, p. 1-15, 2017.
- 4★ 2015 **STEINMACHER, Igor**; GRACIOTTO SILVA, Marco A.; GEROSA, Marco A.; REDMILES, David F. A systematic literature review on the barriers faced by newcomers to open source software projects. **Information and Software Technology**, v. 59, p. 67-85, 2015.

- 3 2014 WIESE, Igor S.; NASSIF JUNIOR, D.; RÉ, Reginaldo; **STEINMACHER, Igor**; GEROSA, Marco A. Comparing communication and development networks for predicting file change proneness: An exploratory study considering process and social metrics. *Electronic Communications of the EASST*, v. 65, p. 1-15, 2014.
- 2 2014 **STEINMACHER, Igor**; WIESE, Igor S.; SCHWERZ, André Luís; ROBERTO, Rafael Liberato; FERREIRA, João Eduardo; GEROSA, Marco A. Historical Analysis of Message Contents to Recommend Issues to Open Source Software Contributors. *Revista Eletrônica de Sistemas de Informação*, v. 13, p. 6, 2014.
- 1 2013 **STEINMACHER, Igor**; CHAVES, Ana Paula; Gerosa, Marco A. Awareness Support in Distributed Software Development: A Systematic Review and Mapping of the Literature. *Computer Supported Cooperative Work*, v. 22, p. 113-158, 2013.

#### Peer Reviewed Conference and Workshop Papers

- 62 ★ 2019 PINTO, Gustavo; FERREIRA, Clarice; SOUZA, Cleice; **STEINMACHER, Igor**; MEIRELLES, Paulo. Training Software Engineers using Open-Source Software: The Students' Perspective. In: 41st International Conference on Software Engineering - Software Engineering Education and Training Track (ICSE-SEET 2019). 2019.
- 61 ★ 2018 WESSEL, Mairieli; DE SOUZA, Bruno M.; **STEINMACHER, Igor**, WIESE, Igor Scaliante; POLATO, Ivanilton; CHAVES, Ana Paula; GEROSA, Marco Aurélio. The Power of Bots: Characterizing and Understanding Bots in Open Source Software Projects. In: ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2018) [To appear].
- 60 ★ 2018 ANICHE, Mauricio; TREUDE, Christoph; **STEINMACHER, Igor**; WIESE, Igor S.; PINTO, Gustavo; STOREY, Margaret-Anne; GEROSA, Marco A. How Modern News Aggregators Help Development Communities Shape and Share Knowledge. In: **Proceedings of the 40th International Conference on Software Engineering (ICSE'18)**, 2018. p. 1-12.
- 59 ★ 2018 **STEINMACHER, Igor**; PINTO, Gustavo; WIESE, Igor Scaliante; GEROSA, Marco A. Almost There: A Study on Quasi-Contributors in Open-Source Software Projects. In: **Proceedings of the 40th International Conference on Software Engineering (ICSE'18)**, 2018. p. 1-12.
- 58 ★ 2018 PINTO, Gustavo; **STEINMACHER, Igor**; GEROSA, Marco Aurélio. Leaving Behind the Software History When Transitioning to Open-Source: Reasons and Implications. In: **The 14th International Conference on Open Source Systems (OSS 2018)**, 2018. p. 1-10.
- 57 2018 ZANATTA, Alexandre; MACHADO, Leticia; **STEINMACHER, Igor**. Competence, Collaboration and Time Management: Barriers and Recommendations for Crowdworkers. In: **The 5th International Workshop on Crowd Sourcing in Software Engineering (CSI-SE 2018)**, 2018. p. 1-8.
- 56 2018 PINTO, Gustavo; DIAS, Luiz Felipe; **STEINMACHER, Igor**. Who Gets a Patch Accepted First? Comparing the Contributions of Employees and Volunteers. In: **11th International Workshop on Cooperative and Human Aspects of Software Engineering (CHASE 2018)**, 2018. p. 1-4.
- 55 2017 PINTO, Gustavo; **STEINMACHER, Igor**; FIGUEIRA FILHO, Fernando M.; GEROSA, Marco A. Training the Next Generation of Software Engineers using Open Source Software: An Interview Study. In: **30th IEEE Conference on Software Engineering Education and Training (CSEE&T)**, 2017. p. 117-121
- 54 2017 SILVA, Williamson; **STEINMACHER, Igor**; CONTE, Tayana U. Is It Better to Learn from Problems or Erroneous Examples? In: **30th IEEE Conference on Software Engineering Education and Training (CSEE&T)**, 2017. p. 222-231
- 53 2017 SILVA, Jefferson O.; WIESE, Igor S.; **STEINMACHER, Igor**; GEROSA, Marco A. Students' Engagement in Open Source Projects. In: **Proceedings of the 31st Brazilian Symposium on Software Engineering - SBES'17**. 2017. p. 224-233.
- 52 2017 DIAS, Luiz Felipe F.; SANTOS, Jhoylan; **STEINMACHER, Igor**; PINTO, Gustavo. Who Drives Company-Owned OSS Projects: Employees or Volunteers? In: V Workshop on Software Visualization, Evolution and Maintenance (VEM 2017). 2017. p. 1-8. **(BEST PAPER AWARD)**

- 51 2017 NEIRA, Anderson B.; WIESE, Igor; **STEINMACHER, Igor**. Uma Análise Preliminar da Hiperespecialização no Contexto de Crowdsourcing na Plataforma Topcoder. In: V Workshop on Software Visualization, Evolution and Maintenance (VEM2017). 2017. p. 1-8.
- 50 ★ 2017 SILVA, Jefferson O.; WIESE, Igor S.; GERMAN, Daniel; **STEINMACHER, Igor**; GEROSA, Marco Aurelio. How Long and How Much: What to Expect from Summer of Code Participants?. In: **33<sup>rd</sup> IEEE International Conference on Software Maintenance and Evolution (ICSME)**, 2017. p. 69-79.
- 49 2017 TOSCANI, Carolina; **STEINMACHER, Igor**; MARCZAK, Sabrina. Gamificando o Portal para Novatos em Software Livre FLOSSCoach: Insights de uma Avaliação Preliminar. In: **Anais do XIV Simpósio Brasileiro de Sistemas Colaborativos (SBSC 2017)**, 2017. p. 1-15.
- 48 2017 DINIZ, Guilherme; GRACIOTTO SILVA, Marco A.; GEROSA, Marco Aurélio; **STEINMACHER, Igor**; Using Gamification to Orient and Motivate Students to Contribute to OSS projects. In: **10th International Workshop on Cooperative and Human Aspects of Software Engineering (CHASE 2017)**, Buenos Aires, Argentina. 2017. p. 1-7.
- 47 2017 SILVA, Williamson; **STEINMACHER, Igor**; CONTE, Tayana U. Apoiando o Ensino de Diagrama de Atividades através de um jogo educacional. In: **Anais do 25 Workshop sobre Educação em Computação (WEI)**, 2017. p. 1-10.
- 46★ 2016 **STEINMACHER, Igor**; CONTE, Tayana; TREUDE, Christoph; GEROSA, Marco A. Overcoming open source project entry barriers with a portal for newcomers. In: **Proceedings of the 38th International Conference on Software Engineering (ICSE '16)**. p. 273-284.
- 45 ★ 2016 PINTO, Gustavo; **STEINMACHER, Igor**; GEROSA, Marco A. More Common Than You Think: An In-depth Study of Casual Contributors. In: **2016 IEEE 23rd International Conference on Software Analysis, Evolution, and Reengineering (SANER)**. p. 112-113.
- 44 2016 SILVA, Jefferson O.; **STEINMACHER, Igor**; GEROSA, Marco A. Os Programas de Engajamento em Software Livre Atraem Estudantes à Colaboração Voluntária? Um Estudo Empírico do Google Summer of Code. In: **Anais do XIII Simpósio Brasileiro de Sistemas Colaborativos (SBSC 2016)**, 2016. p. 1-15.
- 43 2016 CHAVES, Ana Paula; **STEINMACHER, Igor**; GEROSA, Marco A. Por onde quero ir? Interesses pessoais na escolha de um trajeto urbano. In: **Anais do XIII Simpósio Brasileiro de Sistemas Colaborativos (SBSC 2016)**, 2016. p. 1-13.
- 42★ 2016 WIESE, Igor S.; **STEINMACHER, Igor**; TREUDE, Christoph; SILVA, José Teodoro; GEROSA, Marco A. Who is who in the mailing list? Comparing six disambiguation heuristics to identify multiple addresses of a participant. In: **Proceedings of the 32nd IEEE International Conference on Software Maintenance and Evolution (ICSME)**, 2016. p. 1-10.
- 41★ 2016 SARMA, Anita; GEROSA, Marco Aurélio; **STEINMACHER, Igor**; Leano, Rafael. Training the Future Workforce through Task Curation in an OSS Ecosystem. In: **Foundations on Software Engineering (FSE'16) - Visions and Reflections track**, 2016, Seattle, WA. 2016. p. 934-937.
- 40★ 2016 DIAS, Luiz Felipe F.; **STEINMACHER, Igor**; PINTO, Gustavo H. L.; COSTA, Daniel A.; GEROSA, Marco Aurelio. How Does the Shift to GitHub Impact Project Collaboration? In: **2nd International Conference on Software Maintenance and Evolution (Early Research Achievements)**. Raleigh, NC, USA. 2016
- 39 2016 NASCIMENTO, Elizamary; SILVA, Williamson; **STEINMACHER, Igor**; MASSOLLAR, Jobson; TRAVASSOS, Guilherme H.; CONTE, Tayana U. Uma imagem fala mais que mil palavras? Análise comparativa entre o uso de abordagens textual e gráfica para especificar Casos de Uso. In: **XXX Simpósio Brasileiro de Engenharia de Software**, 2016. p. 1-10.
- 38 2016 DIAS, Luiz Felipe F.; **STEINMACHER, Igor**; WIESE, IGOR; PINTO, Gustavo H. L.; COSTA, Daniel A.; GEROSA, Marco Aurelio. Migrar para o Ambientes de Codificação Social é Sinônimo de Mais Contribuições? Uma Análise Preliminar do Github. In: **Anais do Workshop on Software Visualization, Evolution and Maintenance (VEM 2016)**, 2016.
- 37 2015 **STEINMACHER, Igor**; CONTE, Tayana; GEROSA, Marco A. Understanding and Supporting the Choice of an Appropriate Task to Start with in Open Source Software Communities. In: **2015 48th Hawaii International Conference on System Sciences (HICSS)**, 2015. p. 5299-5308.

- 36★ 2015 **STEINMACHER, Igor**; CONTE, Tayana; GEROSA, Marco A.; REDMILES, David. Social Barriers Faced by Newcomers Placing Their First Contribution in Open Source Software Projects. In: ***Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing - CSCW '15***. New York: ACM Press. p. 1379-13.
- 35 2015 T. GERALDI, RICARDO; OLIVEIRA JR., EDSON; CONTE, Tayana; **STEINMACHER, Igor**. Checklist-based Inspection of SMarty Variability Models - Proposal and Empirical Feasibility Study. In: ***Proceedings of the 17th International Conference on Enterprise Information Systems***. p. 268-8.
- 34 2015 **STEINMACHER, Igor**; GEROSA, Marco A. Fostering Free/Libre Open Source Software community formation: guidelines for communities to support newcomers' onboarding. In: ***XVI Workshop de Software Livre***, 2015. p. 1-10.
- 33 2015 PRUDENCIO, Mariana M. V.; COGO, Filipe R.; CHAVES, Ana Paula; **STEINMACHER, Igor**. Participação de Mulheres em Projetos de Software Livre: Caso da Comunidade Brasileira da Mozilla Foundation. In: ***XVI Workshop de Software Livre***, 2015. p. 1-8.
- 32 2015 **STEINMACHER, Igor**; WIESE, Igor; CONTE, Tayana; GEROSA, Marco A. Increasing the Self-Efficacy of Newcomers to Open Source Software Projects. In: ***2015 29th Brazilian Symposium on Software Engineering***. v. 1. p. 160.
- 31 2015 WIESE, Igor S.; RE, REGINALDO; **STEINMACHER, Igor**; KURODA, RODRIGO TAKASHI; OLIVA, GUSTAVO ANSALDI; GEROSA, Marco A. Predicting Change Propagation from Repository Information. In: ***2015 29th Brazilian Symposium on Software Engineering***. v. 1. p. 100-109.
- 30 2015 SILVA, JOSE TEODORO DA; WIESE, Igor; **STEINMACHER, Igor**; GEROSA, Marco A. Quem é quem na lista de discussão? Identificando diferentes e-mails de um mesmo participante. In: ***Simpósio Brasileiro de Sistemas Colaborativos (SBSC 2015)***, 2015. p. 1-10.
- 29 2015 SILVA, Jefferson O.; WIESE, Igor; **STEINMACHER, Igor**; GEROSA, Marco A. Pagamento Atrai Colaboradores de Longo Prazo ou Prestadores de Serviço? Uma Investigação Inicial sobre o Google Summer of Code 2014. In: ***Anais do XII Simpósio Brasileiro de Sistemas Colaborativos (SBSC 2015)***, 2015. p. 1-10.
- 28 2015 RAMOS, Felipe V.; CHAVES, Ana Paula; GEROSA, Marco A.; **STEINMACHER, Igor**. Um estudo exploratório sobre contribuições casuais em projetos de software livre: caso do projeto LibreOffice. In: ***IX Workshop em Desenvolvimento Distribuído de Software, Ecossistemas de Software e Sistemas-de-Sistemas***, 2015, p 1-10.
- 27 2014 **STEINMACHER, Igor**; GEROSA, Marco A.; REDMILES, David F. Onboarding, and Retaining Newcomer Developers in Open Source Software Projects. I. In: ***Workshop of Global Software Development in a CSCW perspective***, 2014.
- 26 2014 **STEINMACHER, Igor**; GRACIOTTO SILVA, M. A.; GEROSA, Marco A. Barriers faced by newcomers to open source projects: a systematic review. In: ***The 10th IFIP WG 2.13 International Conference on Open Source Systems***, 2014. p. 153-163.
- 25 2014 **STEINMACHER, Igor**; WIESE, Igor S.; CONTE, Tayana; Gerosa, Marco A.; REDMILES, David. The hard life of open source software project newcomers. In: ***Proceedings of the 7th International Workshop on Cooperative and Human Aspects of Software Engineering - CHASE 2014***. New York: ACM Press. p. 72.
- 24 2014 **STEINMACHER, Igor**; CHAVES, Ana Paula; CONTE, Tayana; GEROSA, Marco A. Preliminary Empirical Identification of Barriers Faced by Newcomers to Open Source Software Projects. In: ***2014 Brazilian Symposium on Software Engineering***. p. 51-10.
- 23 2014 **STEINMACHER, Igor**; GEROSA, Marco A. Choosing an Appropriate Task to Start With In Open Source Software Communities: a Hard Task. In: ***Proceedings of the 20th International Conference on Collaboration and Technology (CRIWG)***, 2014. p. 1-8.

22	2014	WIESE, Igor S.; CÔGO, FILIPE ROSEIRO; RÉ, Reginaldo; <b>STEINMACHER, Igor</b> ; GEROSA, Marco A. Social metrics included in prediction models on software engineering. In: <i>Proceedings of the 10th International Conference on Predictive Models in Software Engineering - PROMISE '14</i> . p. 72-83.
21	2014	ANTONIO, Marlon F.; COGO, Filipe R.; <b>STEINMACHER, Igor</b> ; CHAVES, Ana Paula. <i>Anais do XI Simpósio Brasileiro de Sistemas Colaborativos (SBSC2014)</i> , 2014.
20	2013	<b>STEINMACHER, Igor</b> ; WIESE, Igor; CHAVES, Ana Paula; GEROSA, Marco A. Why do newcomers abandon open source software projects?. In: <i>2013 6th International Workshop on Cooperative and Human Aspects of Software Engineering (CHASE)</i> . p. 25-32.
19	2013	SCHWERZ, ANDRE LUIS; Liberato, Rafael; WIESE, Igor S.; <b>STEINMACHER, Igor</b> ; Gerosa, Marco A.; Ferreira, João Eduardo. Predizendo a Participação de Desenvolvedores em Discussões em Projetos de Software Livre. In: <i>Workshop Internacional de Software Livre, 2013</i> . p. 1-16.
18	2013	FONTOURA, Vidal Daniel; WIESE, Igor S.; <b>STEINMACHER, Igor</b> ; RÉ, Reginaldo; SILVA, José Teodoro; Gerosa, Marco A. Uma abordagem para classificação de construção de software utilizando redes de comunicação e cooperação. In: <i>Simpósio Brasileiro de Qualidade de Software (X Workshop de Manutenção de Software Moderna)</i> , 2013.
17	2013	<b>STEINMACHER, Igor</b> ; GRACIOTTO SILVA, M. A.; COGO, Filipe R.; CHAVES, Ana Paula; GEROSA, Marco A. Tópicos de pesquisa e rede de coautoria no Simpósio Brasileiro de Sistemas Colaborativos. In: <i>X Simpósio Brasileiro de Sistemas Colaborativos</i> . New York: ACM, 2013.
16	2013	OLIVA, GUSTAVO ANSALDI; <b>STEINMACHER, Igor</b> ; WIESE, Igor; Gerosa, Marco A. What can commit metadata tell us about design degradation?. In: <i>Proceedings of the 2013 International Workshop on Principles of Software Evolution - IWPSE 2013</i> . New York: ACM Press. p. 18-27.
15	2012	VIEIRA, Vaninha; FERRAZ, Carlos; TEDESCO, Patrícia; TIMES, Valéria C.; SALGADO, Ana Carolina; HUZITA, Elisa Hatsue Moriya; CHAVES, Ana Paula; <b>STEINMACHER, Igor</b> . The UbiBus Project: Using Context and Ubiquitous Computing to build Advanced Public Transportation Systems to Support Bus Passengers. In: <i>Anais do VIII Simpósio Brasileiro de Sistemas de Informação (SBSI 2012)</i> , 2012.
14	2012	<b>STEINMACHER, Igor</b> ; WIESE, Igor S.; GEROSA, Marco A. Recommending mentors to software project newcomers. In: <i>2012 Third International Workshop on Recommendation Systems for Software Engineering (RSSE)</i> , 2012. p. 63-67.
13	2012	<b>STEINMACHER, Igor</b> ; WIESE, Igor S.; CHAVES, Ana Paula; GEROSA, Marco A. Newcomers Withdrawal in Open Source Software Projects: Analysis of Hadoop Common Project. In: <i>2012 Brazilian Symposium on Collaborative Systems (SBSC)</i> , p. 65 -74.
12	2012	NISHI, MARCELO KOTI; CHAVES, Ana Paula; <b>STEINMACHER, Igor</b> . A Collective Intelligence Based System for Visualizing Problems in Public Roads. In: <i>2012 Brazilian Symposium on Collaborative Systems (SBSC)</i> , p. 94-98.
11	2012	SILVA, JOSE TEODORO DA; GEROSA, Marco A.; WIESE, Igor; RÉ, Reginaldo; <b>STEINMACHER, Igor</b> . An Extensible Service for Experts Recommendation on Distributed Software Development Projects. In: <i>2012 International Conference on Global Software Engineering Workshops (ICGSEW)</i> , 2012. p. 18.
10	2011	SILVA, José Teodoro; WIESE, Igor S.; <b>STEINMACHER, Igor</b> ; GEROSA, Marco A. MinerAll: Uma ferramenta para extração e mineração de dados de repositórios de software livre. In: <i>XII Workshop de Software Livre</i> . Pelotas-RS: Editora Universitária UFPel, 2011.
9	2011	CHAVES, Ana Paula; <b>STEINMACHER, Igor</b> ; VIEIRA, Vaninha. Social networks and collective intelligence applied to public transportation systems: A survey. <i>Anais do VIII Simposio Brasileiro de Sistemas Colaborativos</i> , 2011. p. 16-23.
8	2011	<b>STEINMACHER, Igor</b> ; CHAVES, Ana Paula; WIESE, Igor; COSTA, Edilson; BAIA, Fabio; JUPI, Cicero; MORESCHI, Karen; GEROSA, Marco A. Adicionando contexto a uma ferramenta de chat síncrono para apoiar o desenvolvimento distribuído de software. In: <i>Anais do VIII Simposio Brasileiro de Sistemas Colaborativos</i> , 2011. p. 84-87.

- 7 2011 FONTOURA, Vidal Daniel; **STEINMACHER, Igor**; WIESE, Igor S.; GEROSA, Marco A. Predição de falhas em projetos de software baseado em métricas de redes sociais de comunicação e cooperação. In: **Anais do VIII Simposio Brasileiro de Sistemas Colaborativos**, 2011. p. 37-40.
- 6 2011 ALVES, Luiz Phillipe Serrano; **STEINMACHER, Igor**; CHAVES, Ana Paula. Um aplicativo baseado em inteligência coletiva para compartilhamento de rotas em redes sociais. In: **Anais do VIII Simposio Brasileiro de Sistemas Colaborativos**, 2011. p. 41-44.
- 5 2011 DA LUZ, João Alessandro; CAIRES, Vinicius; **STEINMACHER, Igor**; WIESE, Igor S. Uso do GeoGebra no Ensino de Matemática: Avaliação de Usabilidade e de Aprendizado. In: **Anais do II Encontro Nacional de Informática e Educação**, 2011.
- 4 2011 LUCIO, Diego Rafael; CHAVES, Ana Paula; **STEINMACHER, Igor**. Um aplicativo para dispositivos móveis voltado para usuários de transporte público. In: **Encontro Paranaense de Computação (EPAC)**, 2011.
- 3 2010 CHAVES, Ana Paula; HUZITA, Elisa Hatsue Moriya; VIEIRA, Vaninha; **STEINMACHER, Igor**. A Context Conceptual Model for a Distributed Software Development Environment. In: **Proceedings of the 22nd International Conference on Software Engineering & Knowledge Engineering (SEKE'2010)**. Skokie, EUA: Knowledge Systems Institute, 2010. p. 437-442.
- 2 2010 **STEINMACHER, Igor**; CHAVES, Ana Paula; GEROSA, Marco A. Awareness Support in Global Software Development: A Systematic Review Based on the 3C Collaboration Model. In: **16th CRIWG Conference on Collaboration and Technology**, 2010. v. 6257. p. 185-201.
- 1 2010 CHAVES, Ana Paula; LEAL, Gislaíne Camila Lapasini; **STEINMACHER, Igor**; HUZITA, Elisa Hatsue Moriya. OntoDiSEN: uma ontologia para apoiar o desenvolvimento distribuído de software. In: IV **WDDS - Workshop de Desenvolvimento Distribuído de Software, 2010**, Salvador-BA. IV WDDS, 2010.

### Academic quantitative indicators (since 2010)

Publications in journals with selective editorial policy	13
Books	1
Book chapters	1
Publications in scientific events with selective editorial policy	62
Number of citations received according to Google Scholar (Aug 30, 2018)	719

### Service

#### Journal Editor

- Lead Guest Editor of SpringerOpen JISA – Thematic Series on Free and Open Source Software Development
- Co-Guest Editor of the IEEE Software Thematic Series: 20 Years of Open Source

#### Program Committee Membership

- BotSE: International Workshop on Bots for Software Engineering (2019)
- ACM CSCW: International Conference on Computer Supported Cooperative Work and Social Computing (2019)
- ICSE-NIER: International Conference on Software Engineering – New Ideas and Emerging Results (2019)
- SANER-Tool: International Conference on Software Analysis, Evolution and Reengineering – Tool Track (2019)
- ICGSE: IEEE International Conference on Global Software Engineering (2016, 2017, 2018)
- OSS: International Conference on Open Source Systems (2017, 2018)
- ICSME: International Conference on Software Maintenance and Evolution (2017) – Artifacts Track
- CHASE: International Workshop on Cooperative and Human Aspects of Software Engineering (2017, 2018)
- EASE: Evaluation and Assessment in Software Engineering Conference (2017, 2018)
- CibSE: Iberoamerican Congress of Software Engineering (2016, 2017)
- SBES: Brazilian Symposium on Software Engineering (2017)
- SBSC: Brazilian Symposium on Collaborative Systems (2015, 2016, 2017)
- VEM: Workshop on Software Visualization, Evolution, and Maintenance (2015, 2016, 2017)
- Workshop on Distributed Software Development, Software Ecosystems and Systems-of-Systems (WDES 2015, 2016, 2017, 2019)
- WSL: Free/Libre Open Source Software Workshop (2014, 2015, 2016, 2017)

## Event Organization

- 12<sup>th</sup> Workshop on Cooperative and Human Aspects of Software Engineering (CHASE 2019): Co-organizer
- AZ Computing Postdocs Best Practices (2017)
- 2016 Brazilian Conference on Software: Theory and Practice (CBSOFT 2016): General Co-chair
- Workshop sobre Aspectos Sociais, Humanos e Econômicos de Software (WASHES 2016): Co-organizer
- Free/Libre Open Source Software Workshop (Workshop de Software Livre – 2014, 2015): General Chair
- 2012 Brazilian Symposium on Collaborative Systems (SBSC 2012): Member of the Organizing Committee

## Journal Reviews

- Transactions on Software Engineering
- ACM Computer Surveys
- Communications of ACM
- Empirical Software Engineering
- Journal of Software: Evolution and Process
- Journal of Systems and Software
- IET Software
- Computer Standards & Interfaces
- Computer Supported Cooperative Work
- Journal of Brazilian Computer Society

## Conferences Reviews

- FSE: SIGSOFT Symposium on the Foundations of Software Engineering (2017)
- ACM CSCW: International Conference on Computer Supported Cooperative Work (2015, 2016, 2017)
- ICSE: International Conference on Software Engineering (2014)
- CSMR: European Conference on Software Maintenance and Reengineering (2014)
- CRIWG: International Conference on Collaboration and Technology (2013, 2014, 2015)
- CHASE: Workshop on Human Aspects of Software Engineering (2014, 2015)
- SBES: Brazilian Symposium on Software Engineering (2013, 2014, 2015, 2016)
- SBSC: Brazilian Symposium on Collaborative Systems (2010, 2013, 2014, 2016)

## Other Services

- International Conference on Software Maintenance and Evolution (ICSME 2018): Publicity Chair
- International Conference on Open Source Systems (OSS 2018): Publicity Chair for South America
- IEEE International Conference on Global Software Engineering (ICGSE 2017): Publicity and Social Media Chair
- IEEE International Conference on Global Software Engineering (ICGSE 2016): Proceedings Chair
- Member of the Education Committee: Brazilian Computer Society (2015-2017)
- Member of Collaborative Systems Special Interest Group (CESC) - Brazilian Computer Society (2015-2016)

## Link to the webpages MyResearcherID and/or MyCitation (Google Scholar).

Google Scholar:	<a href="https://scholar.google.com.br/citations?user=I8o8rfoAAAAJ&amp;hl=en">https://scholar.google.com.br/citations?user=I8o8rfoAAAAJ&amp;hl=en</a>
ResearcherId:	<a href="http://www.researcherid.com/rid/H-2709-2012">http://www.researcherid.com/rid/H-2709-2012</a>
ORCID:	<a href="http://orcid.org/0000-0002-0612-5790">http://orcid.org/0000-0002-0612-5790</a>
DBLP:	<a href="http://dblp.uni-trier.de/pers/hd/s/Steinmacher:Igor">http://dblp.uni-trier.de/pers/hd/s/Steinmacher:Igor</a>
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ACM DL:	<a href="http://dl.acm.org/author_page.cfm?id=81474699869">http://dl.acm.org/author_page.cfm?id=81474699869</a>
CNPq Lattes:	<a href="http://lattes.cnpq.br/5529725593221391">http://lattes.cnpq.br/5529725593221391</a>

- **Other relevant information.**

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