GERARDO SCHNEIDER’S LIST OF PUBLICATIONS

Edited Books and Journals


Journal Papers


---

1 All the publications can be downloaded from my homepage: [http://www.cse.chalmers.se/~gersch/](http://www.cse.chalmers.se/~gersch/).
2 Till 2013 authors are listed alphabetically in almost all my publications, following the French tradition in formal methods, not reflecting the contribution of each author. Due to different publication policies by some of my co-authors the exception to the above are the following 3 papers: the 2013 IEEE TSE journal paper by G. Díaz et al., and the FLACOS’11 and IEEE SCC’10 papers by E. Martínez et al. From 2014, due to a change of publication policies, papers are not necessary in alphabetic order. A co-author contribution statement may be provided upon request.


*Refereed Contributions in Conference and Workshops Proceedings (peer-reviewed)*


19. Gordon Pace, Cristian Prisacariu, and Gerardo Schneider. Model checking contracts—a case study. In *5th International Symposium on Automated Technology for


32. Olaf Owe and Gerardo Schneider. Wrap your objects safely. In 6th International Workshop on Formal Engineering approaches to Software Components and Archi-


45. Robert Nagy, Gerardo Schneider, and Aram Timofeitchik. Automatic testing of real-time graphics systems. In *19th International Conference on Tools and Algo-


59. Gerardo Schneider. On the Specification and Enforcement of Privacy-Preserving Contractual Agreements. In 7th International Symposium on Leveraging Applications of Formal Methods, Verification and Validation – ISOFA’16 (2); Track: Runtime Verification and Enforcement, the (industrial) application perspective, volume 9953 of LNCS, pages 413–419. Springer, 10-14 October 2016.


Dissemination Articles


Other Contributions


Technical Reports


**Dissertations and Thesis**


**Tools**

I have participated in the implementation of the following tools:

- **SPeeDI**: Together with Gordon Pace, I have implemented a verification tool for Polygonal Differential Inclusions (SPDI).
- **SPeeDI+**: Together with Gordon Pace, I have extended the tool SPeeDI for computing phase portrait objects of SPDIs. [http://www.cs.um.edu.mt/speedi/](http://www.cs.um.edu.mt/speedi/)

Besides, I have contributed to the conceptual definition and underlying theoretical results for the following tools: