Gerardo Schneider’s List of Publications

Books

Edited Books and Journals1-2

Journal Papers

1 All the publications can be downloaded from my homepage: 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)**


34. Cristian Prisacariu and Gerardo Schneider. Abstract specification of legal contracts (research abstract). In 12th International Conference on Artificial Intelligence and Law (ICAIL’09), pages 218–219, Barcelona, Spain, June 2009. ACM.


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 – ISoLA’16 (2); Track: Run-
time Verification and Enforcement, the (industrial) application perspective, volume 9953 of LNCS, pages 413–419. Springer, 2016.


95. Felipe Gorostiaga, Sebastián Zudaire, César Sánchez, Gerardo Schneider, and Sebastián Uchitel. Assumption monitoring of temporal task planning using stream runtime verification. In 11th International Symposium on Leveraging Applications


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: