

# Publications

- [1] Alessio Lomuscio, Hongyang Qu, and Monika Solanki. Towards verifying contract regulated service composition: an agent based approach. *Autonomous Agents and Multiagent Systems*, 2010. Accepted for publication.
- [2] Alessio Lomuscio, Wojciech Penczek, Monika Solanki, and Maciej Szreter. Runtime monitoring of contract regulated web services. *Fundamenta Informatica*, 2010. Submitted for publication.
- [3] Yi Hong, Monika Solanki, Lin Foxhall, and Alessandro Quercia. A framework for transforming archaeological databases to ontological datasets. In *CAA: Proceedings of the XXXVIII Annual Conference on Computer Applications and Quantitative Methods in Archaeology*, 2010.
- [4] Alessio Lomuscio, Wojciech Penczek, Monika Solanki, and Maciej Szreter. Runtime monitoring of contract regulated web services, short paper. *AAMAS'10: Proceedings of the 9th international joint conference on Autonomous agents and multiagent systems*, September 2010.
- [5] Alessio Lomuscio and Monika Solanki. Towards an agent based approach for verification of owl-s process models (extended version). In *ESWC 2009 Heraklion: Proceedings of the 6th European Semantic Web Conference on The Semantic Web*, Berlin, Heidelberg, 2009. Springer-Verlag.
- [6] Alessio Lomuscio and Monika Solanki. Towards an agent based approach for verification of owl-s process models. In *4th International IEEE Workshop on Service Oriented Architectures in Converging Networked Environments*, 2009.
- [7] Alessio Lomuscio, Wojciech Penczek, Monika Solanki, and Maciej Szreter. Runtime monitoring of contract regulated web services - short paper. *Third Workshop on Formal Languages and Analysis of Contract-Oriented Software*, September 2009.
- [8] Monika Solanki Alessio Lomuscio, Wojciech Penczek and Maciej Szreter. Runtime monitoring of contract regulated web services. *Workshop on Concurrency, Specification, and Programming*, September 2009.
- [9] Alessio Lomuscio, Hongyang Qu, and Monika Solanki. Towards verifying contract regulated service composition. *ICWS '08. Proceedings of the 6th IEEE International Conference on Web Services*, 2008, September.
- [10] Alessio Lomuscio, Hongyang Qu, and Monika Solanki. Towards verifying compliance in agent-based web service compositions. In *AAMAS '08: Proceedings of the 7th international joint conference on Autonomous agents and multiagent systems*, pages 265–272, Richland, SC, 2008. International Foundation for Autonomous Agents and Multiagent Systems.
- [11] Alessio Lomuscio, Hongyang Qu, Marek J. Sergot, and Monika Solanki. Verifying temporal and epistemic properties of web service compositions. In *ICSOC*, volume 4749 of *LNCS*, pages 456–461. Springer-Verlag, 2007.
- [12] H. Janicke and M. Solanki. Policy-driven service discovery. In *Proceedings of The Second Young Researchers Workshop on Service Oriented Computing (YRSOC-07)*, 2007.
- [13] Monika Solanki, Antonio Cau, and Hussein Zedan. ASDL: a wide spectrum language for designing web services. In *WWW '06: Proceedings of the 15th international conference on World Wide Web*, pages 687–696, New York, NY, USA, 2006. ACM.

- [14] Monika Solanki, Antonio Cau, and Hussein Zedan. Semantically annotating reactive web services with temporal specifications. In *Proceedings of the IEEE ICWS 2005, Second International Workshop on Semantic and Dynamic Web Processes*, volume 140. CEUR Workshop Proceedings, CEUR-WS.org, 2005.
- [15] Monika Solanki, Antonio Cau, and Hussein Zedan. *Semantic Web Processes and Their Applications*, chapter Temporal Specifications for Semantic Web services. Springer-Verlag, 2005.
- [16] Monika Solanki. *A Compositional Framework for the Specification, Verification and Runtime Validation of Reactive Web Service*. PhD thesis, De Montfort University, Leicester, UK, October 2005.
- [17] Monika Solanki. Tesco-s: A framework for defining **T**emporal **S**emanti**C**s in **O**wl enabled **S**ervices. In *W3C Workshop on Frameworks for Semantics in Web Services*, 2005.
- [18] Monika Solanki, Antonio Cau, and Hussein Zedan. Augmenting semantic web service descriptions with compositional specification. In *Proceedings of the 13th international conference on World Wide Web*, pages 544–552. ACM Press, 2004.
- [19] Monika Solanki and Antonio Cau and Hussein Zedan. Introducing Compositionality in Web Service Descriptions. In *Proceedings of the 10th International Workshop on Future Trends in Distributed Computing Systems - FTDCS 2004*, Suzhou, China, May 26-28 2004. IEEE Computer Society Press.
- [20] David L. Martin, Massimo Paolucci, Sheila A. McIlraith, Mark H. Burstein, Drew V. McDermott, Deborah L. McGuinness, Bijan Parsia, Terry R. Payne, Marta Sabou, Monika Solanki, Naveen Srinivasan, and Katia P. Sycara. Bringing semantics to web services: The owl-s approach. In *Proceedings of the First International Workshop on Semantic Web Services and Web Process Composition*, pages 26–42. Springer-Verlag, 2004.
- [21] Monika Solanki and Antonio Cau and Hussein Zedan. Introducing compositionality in webservice descriptions. In *Proceedings of the 3rd International Anwire Workshop on Adaptable Service Provision*, Paris, France, 2003. Springer-Verlag.