

# Publication Record Dr. Thomas Moser

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## Journal Contributions

- Palacios, R. C., T. **Moser** and R. Valencia-García (2013). "Industrial and Business Applications of Semantic Web Technologies." *Journal of Universal Computer Science* 19(13): pp. 1868--1870.
- Merdan, M., T. **Moser**, W. D. Sunindyo, S. Biffel and P. Vrba (2013). "Workflow scheduling using multi-agent systems in a dynamically changing environment." *Journal of Simulation* 7(3): pp. 144--158.
- Daramola, O., G. Sindre and T. **Moser** (2013). "A Tool-based Semantic Framework for Security Requirements Specification." *Journal of Universal Computer Science* 19(13): pp. 1940--1962.
- Biffel, S., R. Mordinyi and T. **Moser** (2012). "Alle auf einer Spur." *Computer & Automation* 6/2012: pp. 41-44.
- Biffel, S., R. Mordinyi and T. **Moser** (2012). "Anforderungsanalyse für das integrierte Engineering - Mechanismen und Bedarfe aus der Praxis." *atp edition* 54(5): pp. 28-35.
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- Biffel, S., T. **Moser** and D. Winkler (2011). "Risk Assessment in Multi-Disciplinary (Software+) Engineering Projects." *International Journal of Software Engineering and Knowledge Engineering* 21(2): pp. 211-236. DOI: 10.1142/S0218194011005232.
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- Sunindyo, W. D., T. **Moser**, D. Winkler and S. Biffel (2011). "Analyzing OSS Project Health with Heterogeneous Data Sources." *International Journal of Open Source Software and Processes* 3(4): pp. 1-23. DOI: 10.4018/jossp.2011100101.
- Merdan, M., T. **Moser**, P. Vrba and S. Biffel (2010). "Investigating the robustness of re-scheduling policies with multi-agent system simulation." *The International Journal of Advanced Manufacturing Technology* 55(1-4): pp. 355-367. DOI: 10.1007/s00170-010-3049-9.

## Book Contributions

- Meersman, R., H. Panetto, A. Mishra, R. Valencia-García, A. L. Soares, I. Ciuciu, F. Ferri, G. Weichhart, T. **Moser**, M. Bezzi and H. Chan (2014). On the Move to Meaningful Internet Systems: OTM 2014 Workshops - Confederated International Workshops: OTM Academy, OTM Industry Case Studies Program, C&TC, EI2N, INBAST, ISDE, META4eS, MSC and OnToContent 2014, Amantea, Italy, October 27-31, 2014. Proceedings, Springer.

## Book Chapter Contributions

- Novak, P., M. Melik-Merkumians, M. Steinegger, T. **Moser**, R. Sindelar and A. Zoitl (2013). Extraction of Automation System Engineering Knowledge for Mapping Plant and Simulation Interfaces. Service Orientation in Holonic and Multi-Agent Manufacturing and Robotics. T. Borangiu, A. Thomas and D. Trentesaux, Springer-Verlag Berlin / Heidelberg. SCI 472: pp. 247-262.
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- **Moser**, T., R. Mordinyi, W. Sunindyo and S. Biffi (2010). Semantic Service Matchmaking in the ATM Domain Considering Infrastructure Capability Constraints. Canadian Semantic Web: Technologies and Applications. W. Du and F. Ensan, Springer US: pp. 133-157. DOI: 10.1007/978-1-4419-7335-1\_6.

## Conference and Workshop Contributions

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Technologies and Factory Automation, Toulouse, France, pp. 1-8. DOI: 10.1109/ETFA.2011.6058981.

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- Mordinyi, R., T. **Moser**, S. Biffel and D. Dhungana (2011). Flexible Support for Adaptable Software and Systems Engineering Processes. 23rd International Conference on Software Engineering and Knowledge Engineering (SEKE 2011), Eden Roc Renaissance Hotel Miami Beach, USA, Knowledge Systems Institute Graduate School, pp. 608-612.
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- **Moser**, T., R. Mordinyi, D. Winkler and S. Biffel (2011). Engineering Project Management Using The Engineering Cockpit. IEEE 9th International Conference on Industrial Informatics (INDIN'2011), Caparica, Lisbon, Portugal, IEEE Computer Society, pp. 579-584. DOI: 10.1109/INDIN.2011.6034943.
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- **Moser**, T. and S. Biffel (2010). Semantic Tool Interoperability for Engineering Manufacturing Systems. 15th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA 2010), IEEE Computer Society, pp. 1 - 8. DOI: 10.1109/ETFA.2010.5641343.

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