

Chair of Information Systems and Strategic IT Management

Prof. Dr. Frederik Ahlemann

UNIVERSITÄT
DUISBURG
ESSEN

Open-Minded

Publications of Prof. Dr. Frederik Ahlemann

2017

- Hoffmann, D., Müller, T., & Ahlemann, F.: *Balancing Alignment, Adaptivity, and Effectiveness: Design Principles for Sustainable IT Project Portfolio Management*. In: **Proceedings of the 25th European Conference on Information Systems (ECIS)** Guimarães, Portugal 2017.
- Kahre, C., Hoffmann, D., & Ahlemann, F.: *Beyond Business-IT Alignment - Digital Business Strategies as a Paradigmatic Shift: A Review and Research Agenda*. In: **Proceedings of the 50th Hawaii International Conference on System Sciences (HICSS)** Honolulu, HI 2017.
- Thakurta, R., Mueller, B., Ahlemann, F., & Hoffmann, D.: *The State of Design – A Comprehensive Literature Review to Chart the Design Science Research Discourse*. In: **Proceedings of the 50th Hawaii International Conference on System Sciences (HICSS)**. Honolulu, HI 2017.

2016

- Urbach, N. & Ahlemann, F.: **IT-Management im Zeitalter der Digitalisierung**. Publisher: Springer, 2016.
- Urbach, N. & Ahlemann, F.: *Der Wissensarbeitsplatz der Zukunft - Trends, Herausforderungen und Implikationen für das strategische IT-Management*. In: **HMD - Praxis der Wirtschaftsinformatik**, Vol 53 (2016) No 1, p. 16-18.

2015

- Drechsler, A. & Ahlemann, F.: **Toward a General Theory of Agile Project Management – A Research Design** Proceedings of the 23rd European Conference on Information Systems (ECIS) (Ed.), Münster, Germany 2015.
- Ahlemann, F., Limbeck, N. & Drechsler, A.: **Kapazitäts- und Ressourcenmanagement - Die Königsdisziplin im Projektmanagement**, Executive Research Summary 08. 2015.
- Ahlemann, F., Limbeck, N. & Drechsler, A.: **Erfolgsbeitrag von Project Management Offices (PMOs)**, Executive Research Summary 07. 2015.

2014

- Dittes, S., Müller, T., Ahlemann, F., Urbach, N. & Smolnik, S.: *Why don't you stick to them? - Understanding influential factors of and counter-measures for deviant behavior towards organizational IT standards*. In: **Proceedings of the 12th International Conference on Wirtschaftsinformatik**. Osnabrück, Germany 2014.
- Hesselmann, F., Ahlemann, F. & Böhl, D.: *Not Everybody's Darling - Investigating the Acceptance of Benefits Management and Moderating Organizational Characteristics*. In: **Proceedings of the 12th International Conference on Wirtschaftsinformatik** Osnabrück, Germany 2014.
- Drechsler, A., Parvahan, P. & Ahlemann, F.: *IT Project Portfolio Management* In: Michael Lang (Ed.): **CIO-Handbuch Band 3 - Strategien für die innovative und agile IT-Organisation**. Symposium Publishing, Düsseldorf 2014, p. 69-90.
- Buchwald, A., Urbach, N. & Ahlemann, F.: *Business Value through Controlled IT: Toward an Integrated Model of IT Governance Success and its Impact*. In: **JIT special issue** (2014).
- Urbach, N., Ahlemann, F. & El Arbi, F.: *Towards a Design Theory for Customer Satisfaction-Oriented IT Vendor Management* In: **Proceedings of the 20th Americas Conference on Information Systems (AMCIS) 2014** Savannah, Georgia 2014.
- Buchwald, A., Urbach, N. & Ahlemann, F.: *Understanding the Organizational Antecedents of Bottom-up Unenacted Projects - Towards a Conceptual Model based on Deviance Theory*. In: **Proceedings of the 22nd European Conference on Information Systems (ECIS) 2014**. Tel Aviv, Israel 2014.
- Ahlemann, F. & Müller, T.: **Challenges of IT standardization: Understanding the personal acceptance of IT standards** Executive Research Summary 03. 2014.
- Dittes, S., Urbach, N. & Ahlemann, F.: *Standardisierung der Unternehmens-IT – Der weite Weg vom Lippenbekenntnis zu nachhaltigem Nutzen*. In: **Wirtschaftsinformatik & Management** (2014) No 4, p. 29-39.
- Ahlemann, F. & Drechsler, A.: **Cloud Computing für kleine und mittlere Unternehmen** 2014.
- Heidenreich, M, Hesselmann, F & Ahlemann, F.: **Bring Your Own Device (BYOD): Success through an Integrated Management Approach**, Executive Research Summary 01. 2014.
- Mohan, K. & Ahlemann, F.: *Managing the Achievement of Strategic Organizational Goals through Projects: Understanding the Role of Management Practices*. In: **Proceedings of the 47th Hawaii International Conference on System Sciences** Hawaii 2014.

2013

- Mohan, K. & Ahlemann, F.: *Committed Use of Project Management Methodologies: Understanding the Role of Costs, Benefits, and Psychological Needs*. In: **Proceedings of the International Conference on Information Systems (ICIS) 2013**. Milan, Italy 2013.
- Ahlemann, F., Hesselmann, F., Braun, J. & Mohan, K.: *Exploiting IS/IT Projects' Potential – Towards a Design Theory for Benefits Management*. In: **Proceedings of the 21th European Conference on Information Systems (ECIS 2013)** Utrecht, Netherlands 2013.
- Mohan, K., Ahlemann, F. & Klügler, M.: *Understanding the Nature of Use Regarding System Development and Management Methodologies - Using Psychoanalysis to Understand the Influences of Methodology Attributes*. In: **Proceedings of the 46th Hawaii International Conference on System Sciences**. Hawaii, USA 2013.
- Ahlemann, F. & Eckl, C.: **Strategisches Projektmanagement: Praxisleitfaden, Fallstudien und Trends**. Publisher: Springer Gabler, Wiesbaden 2013.
- Mohan, K., Ahlemann, F. & Braun, J.: *Realizing Value from Projects: A Performance-based Analysis of Determinants of Successful Realization of Project Benefits*. In: **International Journal of Project Management** (2013).
- Ahlemann, F., El Arbi, F., Kaiser, M. & Heck, A.: *A Process Framework for Guiding Prescriptive Research in The Project Management Field*. In: **International Journal of Project Management** (2013).

2012

- El Arbi, F., Ahlemann, F. & Kaiser, M.: *The Effects of Intra-Organizational Agency Problems on IS Project Alignment* In: **Proceedings of the 20th European Conference on Information Systems (ECIS 2012)**. Barcelona, Spain 2012.
- Haki, K., Legner, C. & Ahlemann, F.: *Beyond EA Frameworks: Towards Understanding Enterprise Architecture Management Adoption* In: **Proceedings of the 20th European Conference on Information Systems (ECIS 2012)**. Barcelona 2012.
- Mohan, K. & Ahlemann, F.: *Humanizing User Influence Tactics in the Quest to Reduce Resistance Against IT Project Management Methodology Use*. In: **Proceedings of the 45th Hawaii International Conference on System Sciences** Hawaii, USA 2012.
[doi:10.1109/HICSS.2012.305](https://doi.org/10.1109/HICSS.2012.305)
- Ahlemann, F., Stettiner, E., Messerschmidt, M. & Legner, C.: **Strategic Enterprise Architecture Management – Challenges, Best Practices and Future Developments**. Publisher: Springer, Heidelberg 2012.
- Ahlemann, F., Legner, C. & Schäfczuk, D.: *Introduction*. In: Ahlemann, F., Stettiner, E., Messerschmidt, M. & Legner, C. (Ed.): **Strategic Enterprise Architecture Management – Challenges, Best Practices and Future Developments** Springer, Heidelberg 2012, p. 1-33.
- Ahlemann, F. & El Arbi, F.: *An EAM Navigator*. In: Ahlemann, F., Stettiner, E., Messerschmidt, M. & Legner, C. (Ed.): **Strategic Enterprise Architecture Management – Challenges, Best Practices and Future Developments**. Springer, Heidelberg 2012, p. 38-53.
- Lux, J. & Ahlemann, F.: *Embedding EAM into the Project Life Cycle* In: Ahlemann, F., Stettiner, E., Messerschmidt, M. & Legner, C. (Ed.): **Strategic Enterprise Architecture Management – Challenges, Best Practices and Future Developments** Springer, Heidelberg 2012, p. 145-168.
- Ahlemann, F., Mohan, K. & Schäfczuk, D.: *People, Adoption and Introduction of EAM*. In: Ahlemann, F., Stettiner, E., Messerschmidt, M. & Legner, C. (Ed.): **Strategic Enterprise Architecture Management – Challenges, Best Practices and Future Developments**. Springer, Heidelberg 2012, p. 233-262.
- Teuteberg, F., Kluth, M., Smolnik, S. & Ahlemann, F.: *Semantic Process Benchmarking to Improve Process Performance* In: **Benchmarking – An international Journal** (2012).

2011

- Mohan, K., Ahlemann, F. & Braun, J.: *Preparing for the Future of IT Project Value Realization: Understanding Benefits Management Practices – Do Incentives and Management Support really Help?*. In: **Proceedings of the 19th European Conference on Information Systems (ECIS 2011)**. Helsinki, Finland 2011.
- Mohan, K. & Ahlemann, F.: *How do Cost-Benefit Evaluations Determine Committed Use of IT Management Methodologies –Enriching Our Understanding through Psychoanalysis*. In: **Proceedings of the 32nd International Conference on Information System (ICIS 2011)**. Shanghai, China 2011.
- Meyer, M.M. & Ahlemann, F.: **Project Management Software Systems – Requirements, Selection Processes and Products** (Habilitation). Würzburg 2011.
- Mohan, K. & Ahlemann, F.: *Understanding Acceptance of Information System Development and Management Methodologies by Actual Users: A Review and Assessment of Existing Literature*. In: **Proceedings of the 10th International Conference on Wirtschaftsinformatik (WI 2011)**. Zurich, Switzerland 2011.
- Mohan, K. & Ahlemann, F.: *A Theory of User Acceptance of IS Project Management Methodologies: Understanding the Influence of Psychological Determinism and Experience*. In: **Proceedings of the 10th International Conference on Wirtschaftsinformatik (WI 2011)**. Zurich, Switzerland 2011.
- Mohan, K. & Ahlemann, F.: *What Methodology Attributes are Critical for Potential Users? Understanding the Effect of Human Needs* In: **Proceedings of the 23rd International Conference on Advanced Information System Engineering (CAISE 2011)** London, UK 2011.
- Kaiser, M., El Arbi, F., Ahlemann, F. & Bhattacharjee, A.: *IT Project Governance Implementation as Institutionalization Process: Evidence from the Financial Services Industry*. In: **Proceedings of the 19th European Conference on Information Systems (ECIS 2011)**. Helsinki, Finland 2011.
- Takurta, R. & Ahlemann, F.: *Requirements Volatility and Software Project Management* In: **Engineering Management Journal**, Vol 23 (2011) No 3.

2010

- Urbach, N. & Ahlemann, F.: *Structural Equation Modeling in Information Systems Research using Partial Least Squares* In: **Journal of Information Technology Theory and Application**, Vol 11 (2010) No 2, p. 5-40.
- Thakurta, R. & Ahlemann, F.: *Understanding Requirements Volatility in Software Projects – An Empirical Investigation of Volatility Awareness, Management Approaches and their Applicability*. In: **Hawaii International Conference on System Sciences (HICSS)**. Hawaii, USA. 2010. [doi:10.1109/HICSS.2010.420](https://doi.org/10.1109/HICSS.2010.420)
- Kaiser, M. & Ahlemann, F.: *Measuring Project Management Information Systems Success - Towards a Conceptual Model and Survey Instrument*. In: **18th European Conference on Information Systems**. Pretoria, South Africa 2010.
- Braun, J., Ahlemann, F. & Mohan, K.: *Understanding Benefits Management Success – Results of a Field Study*. In: **18th European Conference on Information Systems**. Pretoria, South Africa 2010.
- Müller, B., Ahlemann, F. & Roeder, K.: *Understanding the Success of Strategic IT/IS Benchmarking: Results from a Multiple-Case Study*. In: **18th European Conference on Information Systems**. Pretoria, South Africa 2010.
- Mohan, K. & Ahlemann, F.: *Understanding the Acceptance and Usage of IT Project Management Methodologies: Towards a Conceptual Model supported by Case Studies*. In: **16. Americas Conference on Information Systems**. Lima, Peru 2010.
- Mohan, K. & Ahlemann, F.: *The Influence of Usefulness of an IT Project Management Methodology on its Acceptance and Application by Individuals – Moderating Effects of Needs, Gender, and Age - A Needs-Expectancy Approach*. In: **Proceedings of the 31th International Conference on Information Systems (ICIS) 2010**. St. Louis, USA 2010.
- Braun, J., Mohan, K. & Ahlemann, F.: *How Benefits from IS/IT Investments are Successfully Realized: The Role of Business Process Know How and Benefits Management Practices*. In: **Proceedings of the 31th International Conference on Information Systems (ICIS) 2010**. St. Louis, USA 2010.
- Mohan, K. & Ahlemann, F.: *Understanding the Success of IT Project Management Methodologies: Towards a Theoretical Model supported by Case Studies*. In: **Proceedings of the 16th Americas Conference on Information Systems (AMCIS 2010)** 2010.

2009

- Ahlemann, F., Teuteberg, F. & Vogelsang, K.: *Project Management Standards - Diffusion and Application in Germany and Switzerland* In: **International Journal of Project Management**, Vol 27 (2009) No 3, p. 292-303. [doi:10.1016/j.ijproman.2008.01.009](https://doi.org/10.1016/j.ijproman.2008.01.009)
- Viering, G., Legner, C. & Ahlemann, F.: *The (Lacking) Business Perspective on SOA – Critical Themes in SOA Research* In: **9. Internationale Tagung Wirtschaftsinformatik**. Vienna, Austria 2009.
- Roessler, J., Ahlemann, F. & Riempp, G.: *Benefits Management - A Literature Review and Research Agenda* In: **9. Internationale Tagung Wirtschaftsinformatik**. Vienna, Austria 2009.
- Müller, B., Ahlemann, F. & Riempp, G.: *A Framework for Strategic Positioning in IT Management* In: **9. Internationale Tagung Wirtschaftsinformatik**. Vienna, Austria 2009.
- Teuteberg, F., Kluth, M., Ahlemann, F. & Smolnik, S.: *Semantic Benchmarking of Process Models - An Ontology-based Approach* In: **International Conference on Information Systems (ICIS)**. Phoenix, USA 2009.
- Müller, B., Ahlemann, F. & Riempp, G.: *Towards a Strategic Positioning Method for IT Management* In: **International Conference on Information Systems (ICIS)**. Phoenix, USA 2009.

2008

- Kluth, M., Ahlemann, F., Teuteberg, F.: *SEMAT - Ein Werkzeug zur ontologiebasierten Analyse und zum Vergleich von Prozessmodellen*. In: Loos, P., Nüttgens, M., Turowski, K. (Ed.): **Modellierung betrieblicher Informationssysteme - Online Proceedings**. Saarbrücken 2008, p. 128-147.
- Müller, B., Viering, G., Ahlemann, F. & Riempp, G.: *Ökonomisches Potenzial serviceorientierter Architekturen*. In: **HMD - Praxis der Wirtschaftsinformatik**, Vol 45 (2008) No 263, p. 108-116.
- Lux, J., Ahlemann, F. & Wiedenhöfer, J.: *Modellorientierte Einführung von Enterprise Architecture Management - Vorgehensmodell & Fallbeispiel*. In: **HMD - Praxis der Wirtschaftsinformatik**, Vol 45 (2008) No 262, p. 19-28.
- Thakurta, R. & Ahlemann, F.: *Requirements Volatility Awareness and Management – A Qualitative Study in German Context* In: **10.1109/HICSS.2010.420**. Delhi, India 2008.
- Riempp, G., Müller, B. & Ahlemann, F.: *Towards a Framework to Structure and Assess Strategic IT/IS Management* In: **Proceedings of the 16th European Conference on Information Systems**. Galway, Ireland 2008, p. 2484-2495.
- Ahlemann, F. & Riempp, G.: *RefModPM: A Conceptual Reference Model for Project Management Information Systems* In: **Zeitschrift für Wirtschaftsinformatik**, Vol 50 (2008) No 2, p. 88-97. [doi:10.1365/s11576-008-0028-y](https://doi.org/10.1365/s11576-008-0028-y)
- Ahlemann, F., Smolnik, S., Müller, B. & Radeke, F.: *Social Software für das Projektmanagement: Grundlagen, Potenzialanalyse und Marktbewertung*. In: Mayer, T., Wald, A., Gleich, R. & Wagner, R. (Ed.): **Advanced Project Management: Herausforderungen - Praxiserfahrungen - Perspektiven**. LIT-Verlag, Berlin 2008, p. 33-52.
- Lux, J., Ahlemann, F. & Wiedenhöfer, J.: *Modellorientierte Einführung von Enterprise Architecture Management – Vorgehensmodell & Fallbeispiel*. In: **HMD - Praxis der Wirtschaftsinformatik** (2008) No 226, p. 19-28.

2007

- Ahlemann, F.: *Eine neue DIN-Norm zum Projektmanagement - Eine kritische Analyse aus Sicht der Wirtschaftsinformatik* In: **HMD - Praxis der Wirtschaftsinformatik**, Vol 44 (2007) No 255, p. 104-114.
- Müller, B., Viering, G., Ahlemann, F. & Riempp, G.: *Towards Understanding the Sources of the Economic Potential of Service-Oriented Architecture: Findings from the Automotive and Banking Industry*. In: **Proceedings of the 15th European Conference on Information Systems**. Sankt Gallen 2007, p. 1608-1619.
- Ahlemann, F.: *Towards a Conceptual Reference Model for Project Management Information Systems* In: **International Journal of Project Management**, Vol 27 (2007) No 1, p. 19-30. [doi:10.1016/j.ijproman.2008.01.008](https://doi.org/10.1016/j.ijproman.2008.01.008)
- Müller, B., Viering, G., Ahlemann, F. & Riempp, G.: *Ökonomisches Potenzial serviceorientierter Architekturen - Vom qualitativen Wirkungsmodell zur Wirtschaftlichkeitsanalyse*. European Business School, Oestrich-Winkel, Germany 2007.

Ahlemann, F. & Gastl, H.: *Process model for an Empirically Grounded Reference Model Construction* In: Fettke, P. & Loos, P. (Ed.): **Reference Modeling for Business Systems Analysis** Idea Group Publishing, Hershey 2007, p. 77-97.

2006

Ahlemann, F., Teuteberg, F. & Brune, G.: **Ontologie-basierte Attributierung von Informationsmodellen: Grundlagen und Anwendungsgebiete**. Universität Osnabrück, Forschungszentrum für Informationssysteme in Projekt- und Innovationsnetzwerken (Ed.), Osnabrück 2006.

Ahlemann, F.: **Referenzinformationsmodell für das unternehmensweite Projektcontrolling in Matrixprojektorganisationen** (Dissertation). Fachbereich Wirtschaftswissenschaften/ Universität Osnabrück 2006.

Ahlemann, F.: *RefModPM: Reference Information Model for Enterprise-Wide Project Planning, Controlling and Coordination in Matrix Project Organisations*. In: **Proceedings of the Referenzmodellierung 2006 im Rahmen der MKWI 2006** Passau 2006.
[doi:10.1007/978-3-7908-1966-3_5](https://doi.org/10.1007/978-3-7908-1966-3_5)

Abels, S., Ahlemann, F., Hahn, A., Hausmann, K. & Strickmann, J.: *PROMONT – A Project Management Ontology as a Reference for Virtual Project Organizations*. In: **Lecture Notes in Computer Science** Springer, 2006, p. 813-823.

2005

Ahlemann, F., Schroeder, C. & Teuteberg, F.: **Kompetenz- und Reifegradmodelle für das Projektmanagement - Grundlagen, Vergleich und Einsatz**. Universität Osnabrück (Ed.), Osnabrück 2005.

Ahlemann, F.: **DIN Projektmanagement-Datenmodell**. GPM-Fachgruppe „DIN 69901 Neu“, Universität Osnabrück (Ed.), Osnabrück 2005.

Ahlemann, F. & Backhaus, K.: *Projektmanagement-Software*. In: Schelle, H., Reschke, H., Schnopp, R., Schub, A. (Ed.): **Projekte erfolgreich managen**. TÜV-Verlag, Köln 2005.

Ahlemann, F.: *Softwareunterstützung für das Projektmanagement* In: Litke, H. (Ed.): **Handbuch Projektmanagement**. Carl Hanser Verlag, München 2005, p. 814-844.

2004

Ahlemann, F.: *State-of-the-Art and Best-Practice in Enterprise-wide Project Information Systems in Matrix Project Organization: Empirical Analysis and Reference Information Models*. In: **Proceedings of the 18th IPMA World Congress on Project Management Budapest 2004**. Budapest 2004.

2003

Ahlemann, F.: *Project Management Systems: Typology, State-Of-The-Art and Forecast* In: **Proceedings of the 17th World Congress on Project Management: Project Oriented Business and Society**. Moscow 2003.

Ahlemann, F., Haas, C. & Hoppe, U.: *Processes and Data Structures for the Organisational Integration of E-Learning into Enterprises - A Reference Model*. In: **Processes and Data Structures for the Organisational Integration of E-Learning into Enterprises - A Reference Model**. Honolulu, Hawaii 2003.

Haas, C., Ahlemann, F. & Hoppe, U.: *Organisationale Integration von E-Learning in Unternehmen - ein Referenz-Informationsmodell* Uhr, W., Esswein, W. & Schoop, E. (Ed.) *Wirtschaftsinformatik 2003*. Medien – Märkte – Mobilität, Dresden, Physica, Heidelberg 2003, p. 707-726.

Ahlemann, F., Haas, C. & Hoppe, U.: *Integrating E-Learning into Modern Organisations - A Reference Model* In: **Proceedings of E-Learn 2003, World Conference on E-Learning in Corporate Governance, Healthcare and Higher Education**. Phoenix, Arizona 2003.

2002

Ahlemann, F.: **Das M-Modell - Eine konzeptionelle Informationssystemarchitektur für die Planung, Kontrolle und Koordination von Projekten (Projekt-Controlling)**. Universität Osnabrück, Osnabrück 2002.

2001

Riemer, K. & Ahlemann, F.: *Application Service Providing. Erfahrungsbericht aus Sicht eines Providers*. In: Buhl, H., Huther, A., Reitwiesner, B. (Ed.): **Information Age Economy. 5. Internationale Tagung Wirtschaftsinformatik 2001**. Physica, Heidelberg 2001, p. 743.

0

Kaiser, M., El Arbi, F. & Ahlemann, F.: *Successful Project Portfolio Management Beyond Projects Selection Techniques - The Role of Structural Alignment - forthcoming*. In: **International Journal of Project Management**.

Buchwald, A., Urbach, N. & Ahlemann, F.: *Business Value through Controlled IT – Towards an Integrated Model of IT Governance Success and its Impact*. In: **Journal of Information Technology (JIT)**.