Barbara Dinter

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Short BIO

Barbara Dinter is Professor and Chair of Business Information Systems at Chemnitz University of Technology, Germany. She holds a Ph.D. from Technische Universität München, Germany, where she previously earned a master's degree in computer science. Barbara Dinter worked for several years at University of St.Gallen, Switzerland as a Post-Doc and project manager. In her role as an IT consultant, she worked with a variety of organizations. Her research interests include big data, data driven innovation, business intelligence & analytics, and information management.

She has published in renowned journals such as Decision Support Systems, Journal of Database Management, and Journal of Decision Systems, and on conferences such as ICIS, ECIS, and HICSS.

Roles in the Scientific Community

Chair on the International Conferences
- Track Co-Chair „Business Intelligence and Knowledge Management" auf der European Conference on Information Systems (ECIS) 2012 bis 2015
- Workshops and Tutorials Co-Chair auf der Americas Conference on Information Systems (AMCIS) 2014
- Minitrack Co-Chair auf der Hawaii International Conference on System Sciences (HICSS), 2014 – 2015
- Panel and Keynote Co-Chair auf dem Pre-ICIS SIGDSS Workshop, 2013
- Wissenschaftliche Tagungsleitung der Konferenz Data Warehousing DW2008 „Synergien durch Integration und Informationslogistik"

Memberships in program committees

- International Conference on Information Systems (ICIS): Associate Editor
- Internationale Tagung Wirtschaftsinformatik WI
- Multikonferenz Wirtschaftsinformatik MKWI
- Konferenz Data Warehousing DW
- ACM International Workshop in Data Warehousing and OLAP (DOLAP), in Verbindung mit der CIKM (Conference on Information and Knowledge Management)
- Mitglied der Jury für den Best Practice Award Business Intelligence and Data Warehousing
- Mitglied der Jury für den TDWI Award für Diplom-und Masterarbeiten

Reviewer
- European Journal of Information Systems
- Information Systems Management
- International Journal of Business Intelligence Research: Guest Editor
- International Journal on Electronic Business
- HMD – Praxis der Wirtschaftsinformatik
- BI Spektrum
- International Conference on Information Systems (ICIS)
- European Conference on Information Systems (ECIS)
- American Conference on Information Systems (AMCIS)
- Hawaii International Conference on System Sciences (HICSS)
- International Conference in Design Science Research in Information Systems and Technology (DESRIST)
- Internationale Tagung Wirtschaftsinformatik WI
- Multikonferenz Wirtschaftsinformatik MKWI
- IRMA (Information Resources Management Association) Conference

Membership in specialized committees
- Gesellschaft für Informatik (GI)
- Verband der Hochschullehrer für Betriebswirtschaft (VHB)
- Wissenschaftliche Kommission Wirtschaftsinformatik (WKWI)
- Deutscher Hochschulverband
- Association for Information Systems (AIS)
- The Data Warehouse Institute (TDWI)

Other
- Seit 2010: Teradata University Network Advisory Board Member

Publications

Dinter, Barbara; Krawatzeck, Robert
Towards a Configurative Publication Schema for Design Science Research (Conference paper)
Proceedings of the 36th International Conference on Information Systems (ICIS'2015), S. im Druck, AIS Electronic Library (AISeL), Fort Worth, Texas, USA, 2015.

Dinter, Barbara; Schieder, Christian; Gluchowski, Peter
A Stakeholder Lens on Metadata Management in Business Intelligence and Big Data – Results of an Empirical Investigation (Conference paper)
Proceedings of the American Conference on Information Systems (AMCIS'2015), Puerto Rico, 2015.

Krawatzeck, Robert; Tetzner, Anja; Dinter, Barbara
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Schieder, Christian; Dinter, Barbara; Gluchowski, Peter
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Krawatzeck, Robert; Dinter, Barbara
Agile Business Intelligence: Collection and Classification of Agile Business Intelligence Actions by Means of a Catalog and a Selection Guide (Article)
Information Systems Management, 32 (3), S. 177-191, 2015, ISSN: 1058-0530.

Gupta, Babita; Goul, Michael; Dinter, Barbara
Business Intelligence and Big Data in Higher Education: Status of a Multi-Year Model Curriculum Development Effort for Business School Undergraduates, MS Graduates, and MBAs (Article)
Communications of the Association for Information Systems, 36 (23), S. 449-476, 2015.

Krawatzeck, Robert; Dinter, Barbara; Pham Thi, Duc Anh
How to Make Business Intelligence Agile: The Agile BI Actions Catalog (Conference paper)
Proceedings of the 48th Hawaii International Conference on System Sciences (HICSS'2015), S. 4762-4771, IEEE, Kauai, Hawaii, USA, 2015, ISBN: 978-1-4799-7367-5.

2014

Dinter, Barbara; Krawatzeck, Robert
Wirtschaftsinformatik – Die Klausur (Article)
WISU – Das Wirtschaftsstudium: Zeitschrift für Ausbildung, Prüfung, Berufseinstieg und Fortbildung, 43 (11), S. 1365-1369, 2014, ISSN: 0340-3084.

Jacobi, Frieder; Jahn, Steffen; Krawatzeck, Robert; Dinter, Barbara; Lorenz, Anja
Towards a Design Model for Interdisciplinary Information Systems Curriculum Development, As Exemplified by Big Data Analytics Education (Conference paper)
Proceedings of the 22nd European Conference on Information Systems (ECIS'2014), AIS Electronic Library (AISeL), Tel Aviv, Israel, 2014, ISBN: 978-0-9915567-0-0.

2013

Krawatzeck, Robert; Hofmann, Marcus; Jacobi, Frieder; Dinter, Barbara
Constructing Software-Intensive Methods: A Design Science Research Process with Early Feedback Cycles (Conference paper)
vom Brocke, Jan; Hekkala, Riitta; Ram, Sudha; Rossi, Matti (Hrsg.): Proceedings of the 8th International Conference on Design Science Research in Information Systems and Technology (DESRIST'2013), S. 486-493, Springer LNCS, Helsinki, Finland, 2013, ISBN: 978-3-642-38827-9.

Dinter, Barbara
Success Factors for Information Logistics Strategy - An Empirical Investigation (Article)
Decision Support Systems, 54 (3), S. 1207-1218, 2013.

Dinter, Barbara; Douglas, David; Chiang, Roger; nd Ram, Francesco Mari Sudha; Schoder, Detlef
Big Data Panel at SIGDSS Pre-ICIS Conference 2013: A Swiss-Army Knife? (Book chapter)
L.S. Iyer, Power (Hrsg.): Reshaping Society through Analytics, Collaboration, and Decision Support, S. 7-11, Springer, 2013, ISBN: 978-3-319-11574-0.

2012

Dinter, Babara; Lorenz, Anja
Social Business Intelligence: a Literature Review and Research Agenda (Conference paper)
Joey, George (Hrsg.): Proceedings of the 33rd International Conference on Information Systems (ICIS'2012), Orlando, Florida, USA, 2012, ISBN: 978- 0-615-71843-9.

Dinter, Barbara; Goul, Michael; Gupta, Babita
Towards Model Curriculum for Business Intelligence in Undergraduate and Graduate IS and MBA Programs (Conference paper)
Proceedings of the BI Congress 3, Orlando, Florida, USA, 2012.

Lorenz, Anja; Einert, Annett; Dinter, Barbara
FC WInf: Flipped Classroom in der Wirtschaftsinformatik (Conference paper)
Kawalek, Jürgen; Hering, Klaus; Schuster, Enrico (Hrsg.): Tagungsband 10. Workshop on e-Learning, S. 147–157, Zentrum für eLearning, Görlitz, 2012, ISBN: 978-3-941521-08-7.

Bucher, Tobias; Dinter, Barbara
Situational Method Engineering to Support Process-Oriented Information Logistics: Identification of Development Situations (Article)
Journal of Database Management, 23 (1), S. 31 - 48, 2012, ISSN: 1063-8016.

2011
Dinter, Barbara
The Maturing of a Business Intelligence Maturity Model (Conference paper)
Proceedings of the American Conference on Information Systems (AMCIS'2011), Detroit, Michigan, USA, 2011, ISBN: 978-0-615-50707-1, (Nominated for the Best Paper Award.).

Dinter, Barbara; Schieder, Christian; Gluchowski, Peter
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Dinter, Barbara
Ein Reifegradmodell für Business Intelligence-Lösungen: Konzeption und Ergebnisse einer Studie (Article)
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2010
Dinter, Barbara; Lahrmann, Gerrit; Winter, Robert
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Dinter, Barbara; Goul, Michael
The Impact of National Culture on Business Intelligence Maturity Models (Conference paper)
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2009
Dinter, Barbara; Stroh, Florian
Design Factors for Service-oriented Architecture applied to Analytical Information Systems: an Explorative Analysis (Conference paper)
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2009.

Dinter, Barbara; Winter, Robert
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Dinter, Barbara
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BI-Spektrum, Ausgabe 4, 4. Jahrgang 2009 S. 16-21, 2009.
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Model Type Construction – an Approach for Achieving Scientific Cognition (Conference paper)
Global Information Technology Management (GITM) World Conference, Anchorage, 2005.

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Vom Data Warehouse zum Business Performance Management - Anforderungen an das Metadatenmanagement (Book chapter)
von Maur, Eitel; Winter, Robert (Hrsg.): Data Warehouse Management: Das St. Galler Konzept zur ganzheitlichen Gestaltung der Informationslogistik, S. 291-311, Springer, Heidelberg, 2003.

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Metadatenmanagement im Berateralltag (Conference paper)
von Maur, Eitel; Winter, Robert (Hrsg.): Vom Data Warehouse zum Corporate Knowledge Center, Proceedings der DW2002, 2002.

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Ein feingranulares Koordinationsprotokoll zum Design objektorientierter Schemata (Promotionsarbeit)
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Dinter, Barbara; Höfling, Gabriele
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Kambayashi, Yahiko; Lee, Dik Lun; Lim, Ee-Peng; Mohania, Mukesh Kumar; Masunaga, Yoshifumi (Hrsg.): Advances in Database Technologies, Proceedings of the International ER-Workshop on Data Warehouse and Data Mining (DWDM), 1998.

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Dinter, Barbara; Höfling, Gabriele
A Flexible Locking Mechanism for Cooperative and Distributed Object-Oriented Schema Design (Conference paper)
Proceedings of the International Conference on Computing and Information (ICCI), Winnipeg, 1998.

Blaschka, Markus; Sapia, Carsten; Dinter, Barbara; Höfling, Gabriele
Finding your Way through Multidimensional Data Models (Conference paper)
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Sapia, Carsten; Dinter, Barbara; Höfling, Gabriele; Baumann, Peter
Die „richtige" DW Architektur: Der Grundstein zum Erfolg (Conference paper)
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Der OLAP-Markt: Architekturen, Produkte, Trends (Buch)
FORWISS, München, 1997, ISBN: 3-00-002033-0.

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Sapia, Carsten; Höfling, Fabriele; Dinter, Barbara
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Proceedings des Herbst-Treffens der GI-Fachgruppe Datenbanken, Magdeburg, 1997.

Höfling, Gabriele; Blaschka, Markus; Dinter, Barbara; Spiegel, Peter; Ringel, Thomas
Data Warehouse Technologie für das Diagnosedatenmanagement (Conference paper)
Dittrich, Geppert (Hrsg.): Datenbanksysteme in Büro, Technik und Wissenschaft (BTW), Springer, 1997.

1995
Dinter, Barbara
Verteilungskonzept für ein OODBMS (Conference paper)
Eckert, Christian; Klein, Hans-Joachim; Polle, Torsten (Hrsg.): Proceedings des 7. Workshops Grundlagen von Datenbanken, 1995.