

# Curriculum Vitae Dr. Christoph Rensing

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## Education

- 2017 Postdoctoral qualification (Habilitation) in Information Systems, Process- and Knowledge Management  
Topic of postdoctoral thesis: *Adaptationsmechanismen für technologiegestütztes Lernen - Unterstützung informeller Formen des Lernens am Arbeitsplatz*
- 2003 Doctoral degree (Dr.-Ing.), TU Darmstadt  
Topic of doctoral thesis: *Eine policybasierte Zugriffskontrollarchitektur für das Multi Service Internet*
- 1993 Diploma in information management (very good), University of Mannheim

## Appointments

- since 2010 Head of "Knowledge Media" research group & Senior Research Scientist at Multimedia Communications Lab, TU Darmstadt
- since 2004 Scientific advisor - htcc, Hessian Telemedia Technology Competence-Center
- 2004 – 2010 Head of "Media Creation Management & Usage" research group & Senior Research Scientist at Multimedia Communications Lab, TU Darmstadt
- 1999 – 2005 Managing Director - htcc, Hessian Telemedia Technology Competence-Center
- 1998 – 2004 Research Assistant at Multimedia Communications Lab, TU Darmstadt
- 1993 – 1998 Managing Director & Partner – Klink & Rensing Systemberatungsgesellschaft mbH, Bad Dürkheim, Germany

## Contributions to the scientific community

### Editorial work

- since 2006 Member of Editorial Board of International Journal of Advanced Media and Communication (IJCAM)
- 2012 - 2017 Member of Editorial Board of IEEE Transactions on Learning Technologies
- 2009 ACM TOMCCAP Guest Editor Special Issue on Knowledge Media
- 2009 - 2001 Member of Editorial Board of Journal of Multimedia (JMM)

### Selected activities in organization of conferences and workshops

- 2016 General Co-Chair Junges Forum für Medien und Hochschulentwicklung
- 2015 General Chair 10th European Conference on Technology Enhanced Learning (EC-TEL 2015)
- 2014 PC Co-Chair 9th European Conference on Technology Enhanced Learning (EC-TEL 2014)
- 2014 Workshop Chair Die 12 e-Learning Fachtagung Informatik Gesellschaft für Informatik (DeLFI 2014)
- 2013 PC Co-Chair Die 11 e-Learning Fachtagung Informatik Gesellschaft für Informatik (DeLFI 2013)
- 2011 - 2012 PC Co Chair Workshop Mobile Learning - DeLFI
- 2007 - 2010 PC Co-Chair Workshop E-Learning 2.0 – DeLFI

Selected activities in program committees (International) (overall more than 80)

2007, 2013 – 2017	European Conference on Technology Enhanced Learning (EC-TEL)
2014 – 2018	International Conference on Learning Analytics & Knowledge (LAK)
2014 – 2017	IEEE International Conference on Advanced Learning Technologies (ICALT)
2007 – 2017	Conference on Collaboration and Technology (CRIWG)
2014 – 2016	European MOOC Stakeholder Summit
2006, 2008 – 2010	ACM Multimedia (MM) Conference
2010 – 2011	ACM Multimedia Systems (MMSys) Conference
2009, 2011 – 2012	IEEE International Conference on Multimedia and Expo (ICME)
2009 – 2010	User Modelling, Adaptation and Personalization (UMAP)

Memberships

since 2014	Spokesperson of Special Interest Group "E-Learning" of the German Informatics Society (GI)
since 2008	Member of the Steering Committee of Special Interest Group "E-Learning" of the German Informatics Society (GI)
since 2014	Member IEEE
since 2007	Member ACM
since 2007	Member German Informatics Society
2005 – 2007	Member Association for the Advancement of Computing in Education

Reviewing of journal articles

- IEEE Transactions on Learning Technologies
- Elsevier Computers & Education
- Elsevier Computer Networks Journal
- Inderscience International Journal of Communication Networks and Distributed Systems
- Inderscience International Journal of Technology Enhanced Learning (IJTEL)

Reviewing of project proposals

- Deutsche Forschungsgemeinschaft (DFG)
- Deutsche Akademische Auslandsdienst (DAAD)
- Netherlands Organisation for Scientific Research (NWO)
- Research Council KU Leuven

Scholarships and awards

2017	Fellow of the Gesellschaft für Medien in der Wissenschaft e.V.
2017	Best Paper Award, 9th International Conference on Knowledge Engineering and Ontology Development (KEOD/IC3K)
2017	Best Paper Award, Die 15. e-Learning Fachtagung Informatik (DeLFI 2017)
2013	Best Paper Award, 13th International Conference on Knowledge Management and Knowledge Technologies
2007	Best Paper Award, European Conference of Technology Enhanced Learning

Selected research projects since 2010

Since 04/2016	Kompetenzentwicklung am Produktionsarbeitsplatz durch digitale Medien und innerbetriebliche Lernbegleiter (KeAP digital) - Funding by BMBF - Role: Co-PI
Since 11/2015	Mittelstand 4.0-Agentur Kommunikation – Teilprojekt Smart Learning Funding by BMWi - Role: PI
Since 07/2015	Graduiertenkolleg 1994: Adaptive Informationsaufbereitung aus heterogenen Quellen - Funding by DFG - Role: Involved scientist
Since 10/2014	Kompetenzorientiertes Lernen im Arbeitsprozess mit digitalen Medien (KOLA) Funded by BMBF - Role: PI
Since 10/2014	Design und Bewertung neuer Mechanismen für Crowdsourcing als neue Form der Arbeitsorganisation im Internet - Funded by DFG Role: Applicant
10/2012 – 09/2015	eBusiness Lotse Darmstadt Dieburg - Funded by BMWi - Role: Applicant & Co-PI
09/2012 – 08/2015	Mobiles Lernen für Elektromobilität (MOLEM) - Funded by BMBF Role: Co-PI

01/2012 – 06/2013	Semantische Dienstleistungsplattform für Unternehmen zur Analyse und Planung von technologischen Zukunftsstrategien (ZuMaP) - Funded by Hessian Role: Co-PI
01/2012 - 12/2013	Semantischer Support kollaborativen Lernens u. Wissensmanagements Funded by DAAD - Role: PI
10/2011 – 09/2013	Realisierung eines Software-Serviceangebots auf Basis semantischer und statistischer Verfahren zur Textanalyse (TexSaS) - Funded by Hessian - Role: Co-PI
04/2010 - 03/2013	Communities, Web-Ressourcen und Kompetenzentwicklungsdienste integrierende Lernumgebung (CROKODIL) - Funded by BMBF - Role: PI, Consortium leader
03/2010 – 02/2011	Entwicklung und Erprobung mobiler Content-Erstellung im E-Learning an hessischen Universitäten - Funded by Hessian - Role: Co-PI
01/2006 – 12/2010	DFG GRK 1223 Qualitätsverbesserung im E-Learning durch rückgekoppelte Prozesse - Funded by DFG - Role: associated young scientist

**List of 12 out of more than 170 selected publications - For a complete list see**

[http://www.kom.tu-darmstadt.de/research-results/publications/?no\\_cache=1&author=Christoph%20Rensing](http://www.kom.tu-darmstadt.de/research-results/publications/?no_cache=1&author=Christoph%20Rensing)

1. Henrik Bellhäuser, Johannes Konert, René Röpke, Christoph Rensing: Eine extravertierte und eine gewissenhafte Person in jeder Lerngruppe! Effekte der Verteilung von Persönlichkeitsmerkmalen auf Zufriedenheit und Lernergebnis. In Proceedings Die 15. Fachtagung E-Learning (DeLFI 2017), p. 309-320, September 2017. (*Best Paper Award*)
2. Wael Alkhatib, Leon Alexander Herrmann, Christoph Rensing: Onto.KOM Towards a Minimally Supervised Ontology Learning System based on Word Embeddings and Convolutional Neural Networks. In: Proceedings of the 9th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management, p. 17-26, August 2017 (*Best Paper Award*)
3. Sebastian Schmidt, Steffen Schnitzer, Christoph Rensing: Text Classification based Filters for a Domain-Specific Search Engine. In: Elsevier Computers in Industry, no. 78, p. 70-79, May 2016.
4. Mojisola Erdt, Alejandro Fernandez, Christoph Rensing: Evaluating Recommender Systems for Technology Enhanced Learning: A Quantitative Survey. In: IEEE Transactions on Learning Technologies, vol. 8, no. 4, p. 326-344, June 2015. (IF 2016 = 2.267)
5. Ulrike Lucke, Christoph Rensing: A survey on pervasive education. In: Pervasive and Mobile Computing, vol. 14, p. 3-16, October 2014. (IF 2016 = 2.349)
6. Sebastian Schmidt, Simon Manschitz, Christoph Rensing, Ralf Steinmetz: Extraction of Address Data from Unstructured Text using Free Knowledge Resources. In: Stefanie Lindstädt, Michael Granitzer: Proceedings of the 13th International Conference on Knowledge Management and Knowledge Technologies, 2013, No. 7, ACM, September 2013. (*Best Paper Award*)
7. Marek Meyer, Christoph Rensing, Ralf Steinmetz: Multi-Granularity Reuse of Learning Resources, In: ACM Transaction on Multimedia Computing, Communications and Applications (ACM TOMM), vol. 7, no. 1, p. 1-23, January 2011. (IF 2016 = 2.250)
8. Philipp Scholl, Doreen Böhnstedt, Renato Domínguez García, Christoph Rensing, Ralf Steinmetz: Extended Explicit Semantic Analysis for Calculating Semantic Relatedness of Web Resources. In: Martin Wolpers, Paul A. Kirschner, Maren Scheffel, Stefanie Lindstädt, Vania Dimitrova: Sustaining TEL: From Innovation to Learning and Practice Proceedings of EC-TEL 2010, Lecture Notes in Computer Science vol. 6383, p. 324--339, September 2010.
9. Doreen Böhnstedt, Philipp Scholl, Christoph Rensing, Ralf Steinmetz: Collaborative Semantic Tagging of Web Resources on the Basis of Individual Knowledge Networks. In: Houben, G.-J.; McCalla, G.; Pianesi, F.; Zancanaro, M.: Proceedings of First and Seventeenth International Conference on User Modeling, Adaptation, and Personalization UMAP 2009, Lecture Notes in Computer Science vol. 5535, p. 379-384, June 2009.
10. Lasse Lehmann, Tomas Hildebrandt, Christoph Rensing, Ralf Steinmetz: Capture, Management and Utilization of Lifecycle Information for Learning Resources. In: IEEE Transactions on Learning Technologies, vol. 1, no. 1, p. 75-87, März 2008. (IF 2016 = 2.267)
11. Stefan Hoermann, Tomas Hildebrandt, Christoph Rensing, Ralf Steinmetz: ResourceCenter - A Digital Learning Object Repository with an Integrated Authoring Tool Set. In: Kommers, P., Richards, G.: Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications ED-MEDIA 2005, p. 3453-3460, June 2005.
12. Christoph Rensing, Hasan, Martin Karsten, Burkhard Stiller: AAA: A Survey and a Policy-Based Architecture and Framework. In: IEEE Network, vol. 16, no. 6, p. 22-27, November 2002. (IF 2016 = 7.230)