

Christian F. Hempelmann, Ph.D.

Curriculum Vitae

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Associate Professor of Computational Linguistics
Department of Literature and Languages
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Director, Ontological Semantic Technology Laboratory
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Texas A&M University-Commerce
Commerce, TX 75429

Full-time Professional Experience

- since August 2017
Associate Professor of Computational Linguistics, Department of Literature and Languages, Texas A&M University-Commerce, Commerce, Texas:
 - Director of the Ontological Semantic Technology Lab, www.tamuc.edu/ontology.
 - Member of the Applied Linguistics Lab.
- August 2012 – August 2017
Assistant Professor of Computational Linguistics, Department of Literature and Languages, Texas A&M University-Commerce, Commerce, Texas
- November 2009 – August 2012
Visiting Scholar and Assistant Research Professor, Interdepartmental Program in Linguistics, Center for Education and Research in Information Assurance and Security, Purdue University, West Lafayette, Indiana:
 - Researcher in natural language processing for information security.
 - Part-time instructor in linguistics.
- November 2008 – August 2011
Director of Ontological Semantics, RiverGlass Inc., Champaign, Illinois:
 - Leader of the research and development team for ontological semantics.
 - Supervising Ph.D.-level linguist researchers and computer-science developers.
 - Creating patented semantic natural language processing technology for law enforcement, cybersecurity, enterprise search, and ediscovery.
 - Coordinating research and development with sales and user interface design.
- August 2006 – October 2008
Chief Scientific Officer, hokia Inc., New York, New York:
 - Supervision and implementation of all natural language aspects for internet search engine development and operation.
 - Creating novel applications based on computational ontological semantics.

- Recruitment, training, and supervision of international teams for various languages.
 - Cooperation with marketing and sales.
- August 2005 – July 2006
Assistant Professor of Linguistics, Department of Writing and Linguistics of Georgia Southern University, Statesboro, Georgia.
- July 2004 – July 2005
Postdoctoral Researcher, Institute for Intelligent Systems of the University of Memphis, Memphis, Tennessee:
 - Researcher on the Coh-Metrix project, supervised by Danielle McNamara, Art Graesser, and Max Louwerse.
- August 2000 – August 2003
Graduate Research Assistant, Center for Education and Research in Information Assurance and Security (CERIAS) at Purdue University, West Lafayette, Indiana.
- August 2000 – August 2003
Graduate Teaching Assistant, English Department of Purdue University: taught introductory composition and linguistics courses.
- August 1998 – June 2000
Graduate Teaching and Research Assistant, English Department of Youngstown State University, Youngstown, Ohio.
- August 1991 – August 1998
Editor, Translator, and IT Supervisor, international quarterly Textileforum published by Textilwerkstatt-Verlag, European Textile Network, Hannover, Germany.

Education

- *Ph.D. in Linguistics*, August 2003
Interdepartmental Program in Linguistics at Purdue University.
 - Dissertation: "Paronomasic Puns: Target Recoverability towards Automatic Generation".
 - Dissertation committee: Victor Raskin (chair), Salvatore Attardo, Shaun Hughes, Mary Niepokuj, Sergei Nirenburg.
 - Primary area: computational linguistics (ontological semantics, NLP for information security); secondary areas: linguistic humor studies, theoretical linguistics, phonology, and historical linguistics.
- *M.A. in English*, June 2000
Specialization in TESOL, Youngstown State University, supervised by Salvatore Attardo.
- *M.A. in English Linguistics, secondary area Religious Studies*, June 1998
[Magister Artium der Englischen Sprachwissenschaft, Zweitfach Religionswissenschaft], Leibniz-Universität Hannover, additional areas: Mathematics, German literature, supervised by Rainer Schulze and Peter Antes.
- *Abitur*, 1991
Major in mathematics, Ancient Greek, and German literature, Kaiser-Wilhelms-Gymnasium, Hannover, Germany.

Further Professional Experience

- June 2014 – May 2018
Ontology Consultant for NTENT.com, helping redesign the core knowledge resource and QA

- software; Carlsbad, California.
- January – May 2012
Consultant for the project "Anonymizing Textual Data and its Impact on Utility" (NSF 09-558 Trustworthy Computing), Computer Science, Purdue University, on automatically anonymizing patient data in health records.
 - May 2006 – July 2006
Visiting Researcher for the project "The Lexical Field 'Humor': Wortfeld, Micro-Ontology, and Psychological Reality" at the Division for Personality and Assessment of the Department of Psychology of the University of Zurich, Switzerland.
 - May 2005 – July 2006
Supervisor for Ontological Semantics Acquisition Development, hakia Inc., New York, and Moscow State Lomonosov University, Moscow, Russian Federation.
 - February 2005 – July 2006
Senior Consultant for Ontological Semantics for hakia Inc., New York.
 - May 2005
Co-Director of the Lexical Acquisition School, Moscow State Lomonosov University, Moscow, Russian Federation.
 - October 2003 – March 2004
Consultant for NLP projects at the Institute for Language and Information Technologies (ILIT) of the University of Maryland Baltimore County, Baltimore, Maryland.
 - November 1997 – March 1998
Editor of the print-ready copy for Schulze, Rainer. ed. *Making Meaningful Choices in English*. Tübingen: Narr. 1998.
 - July 1995 – September 1995
Clerical Intern at the University of Central England in Birmingham, United Kingdom.
 - since 1995
Free-lance Translator (German-English, English-German) and editor; special areas: linguistics, psychology, movie scripts and postproduction, textile culture and history, biochemistry, automotive mechanics, military history, materials science.

Teaching Experience

- *Structure of the English Language*
Texas A&M University-Commerce; Spring 2013, Spring 2015, Spring 2016, Spring 2018, graduate linguistics course (online and face-to-face)
- *Research Methods and Bibliography for Linguists*
Texas A&M University-Commerce; Fall 2016, Fall 2017, Spring 2018 (online)
- *Introduction to Machine Translation*
Texas A&M University-Commerce; Spring 2018, graduate course in natural language processing
- *Quantitative Methods for Linguists*
Texas A&M University-Commerce; Spring 2014, Fall 2017, graduate course in statistical methods
- *Humor in the Humanities*
Texas A&M University-Commerce; Spring 2016, Fall 2017, undergraduate core curriculum course
- *Computational Linguistics*

- Texas A&M University-Commerce; Fall 2013, Spring 2016, Spring 2017, graduate linguistics and computer science course
- *General Linguistics*
Texas A&M University-Commerce; Fall 2012, Fall 2013, Fall 2014, Fall 2015, Fall 2016, Spring 2017, graduate linguistics course (online and face-to-face)
 - *Language and Society*
Texas A&M-Commerce; Spring 2015, Fall 2015, undergraduate sociolinguistics course
 - *Introduction to Linguistics*
Texas A&M University-Commerce; Spring 2015, introductory undergraduate course
 - *Linguistic Humor Research*
Texas A&M University-Commerce; Fall 2014, advanced graduate course
 - *Written Argument/Research (Honors)*
Texas A&M University-Commerce; Fall 2014, undergraduate honors composition course
 - *Psycholinguistics*
Texas A&M University-Commerce; Fall 2012, Spring 2014, graduate linguistics course
 - *Modern Grammar*
Texas A&M University-Commerce; Fall 2012, Spring 2014, undergraduate linguistics course
 - *Old English*
Texas A&M University-Commerce; Summer 2013, graduate language course
 - *Semantics*
Texas A&M University-Commerce; Spring 2013, graduate linguistics course
 - *Developing a Course in Statistics for Linguists*
Texas A&M University-Commerce; Spring 2013, graduate individual studies linguistics course
 - *Introduction to Linguistics, Ontological Semantics, Linguistic Humor Theory*
Purdue University; Fall 2008 to Fall 2011, graduate linguistics courses, supplementary teaching for Victor Raskin
 - *Computational Linguistics*
Georgia Southern University, Spring 2006; undergraduate linguistics and computer science course
 - *Semantics*
Georgia Southern University, Spring 2006; undergraduate linguistics course
 - *Composition I*
Georgia Southern University, Fall 2005; Youngstown State University, Fall 1998, Spring 1999; Purdue University, Fall 2000
 - *Introduction to Natural Language Processing*
Fall 2004, University of Memphis; graduate course, supplementary teaching for Vasile Rus
 - *Introduction to Linguistics*
Youngstown State University, Spring 1999, Fall 1999, Spring 2000, Fall 2000; undergraduate linguistics course
 - *Elements of Linguistics*
Purdue, Fall 2002; introductory undergraduate linguistics course
 - *Composition II*
Purdue University, Spring 2001; Georgia Southern University, Spring 2006
 - *Introduction to Linguistics*
Purdue University, Fall 2001, Summer 2003; graduate course, supplementary teaching for Victor Raskin
 - *Ontological Semantics*

Purdue University, Fall 2001; graduate course, supplementary teaching for Victor Raskin

Academic and University Service

- Member of the Executive Board
 - International Society for Humor Studies (since 2014)
- Member of the Editorial Board
 - *The European Journal of Humour Research* (since 2013)
 - *HUMOR - International Journal of Humor Research* (since 2011; Consulting Editor since 2005; Reviewer since 2000)
 - *International Journal on Advances in Intelligent Systems* (since 2009-2013)
- Reviewer for Journal
 - *Knowledge-Based Systems*, Elsevier (since 2015)
 - *Translational Issues in Psychological Science*, American Psychological Association (since 2015)
 - *E-JournALL*, Euro-American Journal of Applied Linguistics and Languages, Texas A&M University-Commerce (since 2014)
 - *Journal of the American Medical Informatics Association*, Oxford (since 2013)
 - *SDPS Transactions: Journal of Integrated Design and Process Science*, IOS Press (since 2013)
 - *Journal of Pragmatics*, Elsevier (since 2009)
 - *Discourse Processes*, Routledge (since 2005)
 - *POST SCRIPT: Essays in Film and the Humanities*, Texas A&M University-Commerce (2015)
 - *Oral Tradition*, Journal of the International Society for the Study of Oral Tradition (2015)
 - *English Text Construction*, John Benjamins (2014)
 - *IEEE Transactions on Reliability* (2014)
 - *Education Research Journal* (2012)
 - *Journal of Data Mining, Modelling and Management* (2010)
 - *IEEE Potentials* (2009)
- Reviewer for Book
 - Bell, Nancy. Ed. 2017. *Multiple Perspectives on Language Play*. Routledge.
 - McNamara, Danielle S., Arthur C. Graesser, Philip M. McCarthy, and Zhiqiang Cai. 2014. *Automated Evaluation of Text and Discourse with Coh-Matrix*. Cambridge University Press.
- Conference Committee Member and Chair
 - Member of the Steering Committee, *International Workshop on Semantic Evaluation (SemEval)* 2017
 - Program Committee Member, *International Society of Humor Studies Conference* (since 2014)
 - Awards Committee Member (Graduate Student and Lifetime Awards) for the *International Society of Humor Studies Conference* (since 2014)
 - Program Committee Member for the *(Northeastern Texas) Humor Research Conference (HRC)*, Dallas, TX (since 2013)
 - Program Committee Member for the *Florida Artificial Intelligence Research Society (FLAIRS)*, General conference and special tracks (since 2005)
 - Awards Committee Chair at the *2nd International Conference on Robot Intelligence*

- Technology and Applications (RITA) (2013)*
- Program Committee Member for *COLING*, International Conference on Computational Linguistics (2012)
 - Program Committee Member for the *Artificial Intelligence of Humor* AAAI Fall Symposium, Washington, DC (2012)
 - Program Committee Member for the *Web Intelligence for Information Security Workshop at the WI-IAT Conference*, Lyon, France (2011)
 - Program Committee Member for the *Society for Design and Process Science*, Jeju Island, Korea (2011)
 - Program Committee Member for the *Computational Linguistics - Applications at the International Multiconference on Computer Science and Information Technology*, Poland (2009)
 - Program Committee Member for the *SEMAPRO International Conference on Advances in Semantic Processing* (2009)
 - Reviewer for Events and Organizations
 - Annual Symposium of the American Medical Informatics Association (since 2016)
 - *American Medical Information Association (AMIA) Joint Summits on Translational Science* (since 2014)
 - *SDPS*, Society for Design and Process Science Conference (since 2013)
 - *National Science Foundation*, Secure and Trustworthy Cyberspace (SaTC) Program (2013)
 - *CogSci* Cognitive Science Society Annual Meeting (since 2007)
 - Special Session on Modeling Humor in Smart Environments, *Human-Computer Interaction (HCI) International*, Los Angeles, CA (2015)
 - Katholieke Universiteit Leuven, Belgium (2006)
 - U.S. Civilian Research & Development Foundation for the Independent States of the Former Soviet Union (CRDF) (2002)
 - Ph.D. Dissertation Committee Chair
 - Sarvenaz Balali, Department of Literature and Languages, Texas A&M University-Commerce, Texas (since 2016)
 - Adel Aldawsari, Department of Literature and Languages, Texas A&M University-Commerce, Texas (since 2015)
 - Ph.D. Dissertation Committee Member
 - Hilal Ergül, Department of Literature and Languages, Texas A&M University-Commerce, Texas (since 2017)
 - Marta Agüero Guerra, University of Salamanca, Spain (since 2017)
 - Shigehito Menjo, Department of Literature and Languages, Texas A&M University-Commerce, Texas (since 2014)
 - Elisa Gironzetti, Department of Literature and Languages, Texas A&M University-Commerce, Texas (graduated 2017)
 - Frank Alexander, Department of Literature and Languages, Texas A&M University-Commerce, Texas (graduated 2015)
 - Charlotte Fofu Lomotey, Department of Literature and Languages, Texas A&M University-Commerce, Texas (graduated 2015)
 - Whitney Vandiver, Interdepartmental Program in Linguistics, Purdue University, West Lafayette, Indiana (graduated 2011)
 - William Eyre, Center for Education and Research in Information Assurance and Security,

- Purdue University, West Lafayette, Indiana (graduated 2009)
 - Andrea Samson, Department of Psychology, University of Fribourg, Switzerland (graduated 2008)
 - Michele Sala, Università degli Studi di Bergamo, Italy (graduated 2004)
- Master's Thesis Committee Chair
 - Divya Solomon, Department of Computer Science and Information Systems, Texas A&M University-Commerce, Texas (graduated 2017)
- Master's Thesis Committee Member
 - Rajesh Shanmuga Sundaram, Department of Computer Science and Information Systems, Texas A&M University-Commerce, Texas (since 2016)
 - Gideon Mazambani, Department of Computer Science and Information Systems, Texas A&M University-Commerce, Texas (graduated 2015)
 - Simon Slobodnik, Center for Education and Research in Information Assurance and Security, Purdue University, West Lafayette, Indiana (graduated 2012)
 - Jie Zhang, Interdepartmental Program in Linguistics, Purdue University, West Lafayette, Indiana (graduated 2009)
 - Maryana Bendus, Interdepartmental Program in Linguistics, Purdue University, West Lafayette, Indiana (graduated 2009)
- Regents Thesis Advisor
 - Chance Scroggins. "Gendered Language in the 2016 Presidential Race." (2015-2016)
- Committee Chair
 - Graduate Certificate in Computational Linguistics Committee, Dept. of Literature and Languages, Dept. of Computer Science and Information Technology, Texas A&M University-Commerce (since 2012)
 - Curriculum Committee, Dept. of Literature and Languages, Texas A&M University-Commerce (2014-2016)
 - Founding President of the Purdue Linguistics Association (PLA) (2000-2002)
- Committee Memberships
 - Applied Linguistics Assessment Committee (since 2017)
 - Instructional Peer Evaluation Committee (since 2017)
 - Admissions Committee, Texas A&M University-Commerce (since 2014)
 - TESOL degree committee, Dept. of Literature and Languages, Texas A&M-Commerce (since 2012)
 - Linguistics Committee, Dept. of Literature and Languages, Texas A&M University-Commerce (since 2012)
 - Job Search Committee for the position of Professor and Department Head of Theatre, Texas A&M University-Commerce (2018)
 - Job Search Committee for the position of Assistant Professor of Journalism, Texas A&M University-Commerce (2017)
 - Job Search Committee for the position of Assistant Professor of Linguistics, Texas A&M University-Commerce (2015)
 - Curriculum Committee, Dept. of Literature and Languages, Texas A&M University-Commerce (2013-2014)
 - Job Search Committee for the position of Director of the English Language Institute (ELI), Texas A&M University-Commerce (2015)
 - Graduate Certificate in Digital Humanities committee, Dept. of Literature and Languages, Texas A&M University-Commerce (since 2013)

- Academic Technology Advisory Committee (ATAC), representative of the College of Humanities, Social Sciences & Arts, Texas A&M University-Commerce (2013-2014)
- Scholarship Committee, Dept. of Literature and Languages, Texas A&M University-Commerce (2012-2014)
- Job Search Committee for the position of Director of the English Language Institute, Texas A&M University-Commerce (2013)
- Technology, Teaching & Writing Committee, Dept. of Writing and Linguistics, Georgia Southern (2005/2006)
- Georgia Southern Linguistics Circle Sponsor (2005/2006)
- Computers and Composition Committee, Purdue, Macintosh Tutorials and Resource Collections (2000-2003)
- Secretary of the Purdue Linguistics Association (PLA) (2002/2003)
- Graduate Student Delegate to the English Department, YSU (1999/2000)
- Organizer of Events
 - Co-convenor with Salvatore Attardo, Elisa Gironzetti, and Dale Koike of the *2019 ISHS Conference* at the University of Texas at Austin, June 24-29, 2019.
 - Co-convenor with Julia Taylor Rayz, Tristan Miller, Max Petrenko, and Tony Veale of a panel on "[Humor and Artificial Intelligence](#)" at the *2018 ISHS Conference*, Tallinn, Estonia, June 25-29, 2018.
 - Faculty Sponsor of the [8th Humor Research Conference](#) (HRC), Commerce, TX, February 16-17, 2018.
 - Co-organizer with Elisa Gironzetti of the [7th Humor Research Conference](#) (HRC), Dallas, TX, March 9-11, 2017.
 - Organizer of two talks by [Bill DeSmedt](#): "The Metalang Conversational Agent" and "Reading from *Singularity* and *Duality*". Department of Literature and Languages, Texas A&M University-Commerce, February 6-8, 2017.
 - Co-organizer with Tristan Miller and Iryna Gurevych. "[Computational Detection and Interpretation of Puns](#)." at the *International Workshop on Semantic Evaluation (SemEval) 2017* held at the *55th Annual Meeting of the Association for Computational Linguistics (ACL)*. Vancouver, CA. August 2017.
 - Organizer of the Ontology Summit with Max Petrenko and Gavin Matthews (NTENT.com) at Texas A&M University-Commerce, 7 November 2016.
 - Co-organizer with Owen Lynch (Southern Methodist University) of the *6th Humor Research Conference* (HRC), Commerce, TX, February 19-20, 2016.
 - Co-organizer with Max Petrenko and Gavin Matthews (NTENT.com) of the *Special Track on Knowledge-Based Artificial Intelligence* at the AAI 2016 FLAIRS Conference in Key Largo, Florida, May 16-18, 2016.
 - Co-organizer with Owen Lynch (Southern Methodist University) of the *5th Humor Research Conference* (HRC), Universities Center, Dallas, TX, February 20-22, 2015. www.tamuc.edu/humor
 - Co-organizer with Owen Lynch (Southern Methodist University) of the *4th Humor Research Conference* (HRC), Rockwall, TX, February 21-23, 2014.
 - Organizer of a Training Workshop in the Facial Action Coding System conducted by Ursula Beermann (UC Berkeley), College of Humanities, Social Sciences, and Arts, Texas A&M University-Commerce, June-October 2013.
 - Co-organizer with Owen Lynch (Southern Methodist University) of the *3rd Northeastern Texas Humor Research Conference* (NETHRC), Dallas, TX, February 22-24, 2013.

- Keynote speaker: Dr. Shaquille O'Neal. <http://www.tamuc.edu/academics/colleges/humanitiesSocialSciencesArts/nethrc/3rdnethrc/default.aspx>
- Co-organizer with Philip M. McCarthy of the special track "Applied Natural Language Processing" and General Program Committee Member at the *20th International FLAIRS (Florida Artificial Intelligence Research Society) Conference*. Key West, Florida (2007)
 - Co-organizer with Andrea C. Samson of two symposia on Cartoon Humor Research at the Youngstown and Copenhagen conferences of the International Society for Humor Studies (2005/2006)
 - Faculty Sponsor
German Stammtisch at TAMUC, <https://www.facebook.com/stammtisch.tamuc.edu>

Publications

- Book
 - Hempelmann, Christian F. 2010. *Incongruity and Resolution of Humorous Narratives: Linguistic Humor Theory and the Medieval Bawdry of Rabelais, Boccaccio, and Chaucer*. Saarbrücken: VDM Verlag.
- Articles
 - Journal Papers
 - Hempelmann, Christian F. 2017. "True German and phony English laughter: Schmidt-Hidding was still Schmidt." *European Journal of Humour Research* 5-4: 179-193. doi: [10.7592/EJHR2017.5.4.hempelmann](https://doi.org/10.7592/EJHR2017.5.4.hempelmann).
 - Hempelmann, Christian F. 2016. "Humor in the Teaching of Writing: A Microethnographic Approach to Developing Critical Thinking." *eJournAll: EuroAmerican Journal of Applied Linguistics and Languages* 3-2: 42-55. doi: [10.21283/2376905X.5.72](https://doi.org/10.21283/2376905X.5.72).
 - Hempelmann, Christian F., Unal Sakoglu, Varadraj P. Gurupur & Seetarama Jampana. 2015. "An Entropy-Based Evaluation Method for Knowledge Bases of Medical Information Systems." *Expert Systems with Applications* 46: 262-273. doi: [10.1016/j.eswa.2015.10.023](https://doi.org/10.1016/j.eswa.2015.10.023).
 - Mazambani, Gideon, Maria A. Carlson, Stephen Reysen & Christian F. Hempelmann. 2015. "Impact of Status and Meme Content on Spread of Memes in Virtual Communities." *Human Technology Journal* 11-2: 148-164. doi: [10.17011/ht/urn.201511113638](https://doi.org/10.17011/ht/urn.201511113638).
 - Hempelmann, Christian F. & Elisa Gironzetti. 2015. "An Interlingual Study of the Lexico-Semantic Field LAUGH in Ken Kesey's *One Flew over the Cuckoo's Nest*." *Journal of Literary Semantics* 44-2: 141-167. doi: [10.1515/jls-2015-0008](https://doi.org/10.1515/jls-2015-0008).
 - Arslan, Abdullah, Christian F. Hempelmann, Salvatore Attardo, Grady P. Blount & Nikolay Metodiev Sirakov. 2015. "Threat assessment using visual hierarchy and conceptual firearms ontology," *Optical Engineering* 54-5: 053109. doi: [10.1117/1.OE.54.5.053109](https://doi.org/10.1117/1.OE.54.5.053109).
 - Sirakov, Nikolay Metodiev, Abdullah N. Arslan, Christian F. Hempelmann, Salvatore Attardo & Grady P. Blount. 2015. "Firearms identification through partonomy." *SPIE Newsroom*. August 11, 2015. doi: [10.1117/2.1201507.005849](https://doi.org/10.1117/2.1201507.005849).
 - Hempelmann, Christian F. 2014. "Humor and AI: Not Logical." *De Connectie*: 11-1: 10-13.
 - Raskin, Victor, Julia M. Taylor & Christian F. Hempelmann. 2013. "Meaning- and

- Ontology-Based Technologies for High-Precision Language an Information-Processing Computational Systems." *Advanced Engineering Informatics*. 27: 4-12.
- Petrenko, Max & Christian F. Hempelmann. 2013. "Robotic Reasoning with Ontological Semantic Technology." *Advances in Intelligent Systems and Computing* 208: 883-892.
 - Hempelmann, Christian F. & Salvatore Attardo. 2011. "Resolutions and Their Incongruities: Further Thoughts on Logical Mechanisms." *HUMOR – International Journal of Humor Research*. 24-2: 125-149.
 - Samson, Andrea C. & Christian F. Hempelmann. 2011. "Humor with Background Incongruity: Does More Required Suspension of Disbelief Affect Humor Perception?" *HUMOR – International Journal of Humor Research*. 24-2: 167-186.
 - Bell, Nancy, Scott C. Crossley & Christian F. Hempelmann. 2011. "Word Play in Church Marquees." *HUMOR – International Journal of Humor Research*. 24-2: 187-202.
 - Raskin, Victor, Christian F. Hempelmann & Julia M. Taylor. 2010. "How to Understand and Assess a Theory: The Evolution of the SSTH into the GTVH and Now into the OSTH." *Journal of Literary Theory*. 3-2: 285-312.
 - Samson, Andrea C., Christian F. Hempelmann, Oswald Huber & Stefan Zysset. 2009. "Neural substrates of Incongruity-Resolution and Nonsense Humor." *Neuropsychologia* 47: 1023-1033.
 - Proyer, René, Christian F. Hempelmann & Willibald Ruch. 2009. "They're All Gonna Laugh at You! Or are They? Are Gelotophobes Actually Laughed at?" *HUMOR – International Journal of Humor Research*. 22-2: 213-232.
 - Hempelmann, Christian F. 2007. "The Epic Tanganyika Laughter Epidemic Revisited." *HUMOR – International Journal of Humor Research*. 20-1: 49-71.
 - Hempelmann, Christian F., Vasile Rus, Arthur C. Graesser & Danielle S. McNamara. 2006. "Evaluating State-of-the-Art Treebank-style Parsers for Coh-Matrix and Other Learning Technology Environments." *Natural Language Engineering*. 12-2: 131-144.
 - Rus, Vasile & Christian F. Hempelmann. 2005. "Across-Genres and Empirical Evaluation of State-of-the-Art Treebank-style Parsers." *Archives of Control Sciences*. 15-4: 645-654.
 - Hempelmann, Christian F. & Willibald Ruch. 2005. "3WD Meets GTVH: Psychology and Linguistics Break the Ground for Interdisciplinary Humor Research." *HUMOR – International Journal of Humor Research*. 18-4: 353-387.
 - Hempelmann, Christian F. 2004. "Script Oppositeness and Logical Mechanism in Punning." *HUMOR – International Journal of Humor Research*. 17-4: 381-392.
 - Hempelmann, Christian F. 2003. "'99 Nuns Giggle, 1 Nun Gasps!' The not-all-that-Christian Natural Class of Christian Jokes." *HUMOR – International Journal of Humor Research*. 16-1: 1-31.
 - Attardo, Salvatore, Christian F. Hempelmann & Sara Di Maio. 2003. "Script Oppositions and Logical Mechanisms: Modeling Incongruities and Their Resolutions." *HUMOR – International Journal of Humor Research*. 15-1: 3-46.
- Peer-Reviewed Proceedings
 - Miller, Tristan, Christian F. Hempelmann, and Iryna Gurevych. 2017. "[SemEval-2017 Task 7: Detection and Interpretation of English Puns](#)." In: *Proceedings of the 11th International Workshop on Semantic Evaluation*

(SemEval-2017) at the 55th Annual Meeting of the Association for Computational Linguistics. 59-69. August 2017.

- Hempelmann, Christian F., Max Petrenko, and Gavin Matthews. 2017. "Automatic Discovery of Degrees of Fuzzy Set Membership in Ontologies." In: *Proceedings of the 2016 Annual Conference of the North American Fuzzy Information Processing Society (NAFIPS)*. IEEE. doi: [10.1109/NAFIPS.2016.7851605](https://doi.org/10.1109/NAFIPS.2016.7851605)
- Hempelmann, Christian F., Abdullah N. Arslan, Salvatore Attardo, Grady P. Blount & Nikolay M. Sirakov. 2016. "Real-life Identification of Partially Occluded Weapons in Videoframes." In: Firooz A. Sadjadi; Abhijit Mahalanobis. Eds. *Automatic Target Recognition XXVI. Proceedings of SPIE* Vol. 9844. SPIE, Bellingham, WA, 94760U. doi: 10.1117/12.2224344.
- Hempelmann, Christian F. & Max Petrenko. 2015. "An AI for Humorously Reframing Interaction Narratives with Human Users." In: Streitz, N. & P. Markopoulos. Eds. *DAPI 2015, LNCS 9189*: 651-658. doi: 10.1007/978-3-319-20804-6_59.
- Arslan, Abdullah N., Christian F. Hempelmann, Salvatore Attardo, Grady P. Blount, Nona N. Sirakova & Nikolay M. Sirakov. 2015. "Identification of partially occluded firearms through partonomy." In: Firooz A. Sadjadi; Abhijit Mahalanobis. Eds. *Automatic Target Recognition XXV. Proceedings of SPIE* Vol. 9476. SPIE, Bellingham, WA, 94760U.
- Hempelmann, Christian F., Abdullah N. Arslan, Salvatore Attardo, Grady Price Blount & Nikolay Metodiev Sirakov. 2014. "Assessing the Threat of Firearms: New Threat Formula, Resources, and Ontological Linking Algorithms." In: Kadar, Ivan. Ed. *Signal Processing, Sensor/Information Fusion, and Target Recognition XXIII. Proceedings of SPIE* Vol. 9091. Bellingham, WA: SPIE. 90910U1-12. doi: 10.1117/12.2050814.
- Hempelmann, Christian F. & Max Petrenko. 2013. "Knowledge Representation and Adaptation in Ontological Semantic Technology." *Semantic Computing. Proceedings of the 7th IEEE International Conference on Semantic Computing 2013*. Hoboken, NJ: Wiley. 114-117.
- Arslan, Abdullah N., Christian F. Hempelmann, Carlo Di Ferrante, Salvatore Attardo & Nikolay Metodiev Sirakov. 2013. "From Shape to Threat: Exploiting the Convergence Between Visual and Conceptual Organization for Weapon Identification and Threat Assessment." In: Sadjadi, Firooz A. and Abhijit Mahalanobis. Eds. *Automatic Target Recognition XXIII. Proceedings of SPIE 0277-768X, V. 8744*. Bellingham, WA: SPIE. 87440P. 1-15. DOI: 10.1117/12.2015591.
- Hempelmann, Christian F., Julia M. Taylor, and Victor Raskin. 2012. "Tightening Up Joke Structure: Not by Length Alone." In: Miyake, Naomi, David Peebles, and Richard P. Cooper. Eds. *Building Bridges Across Cognitive Sciences. Proceedings of the 34th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society. 450-455.
- Taylor, Julia M., Victor Raskin, and Christian F. Hempelmann. 2012. "Ontological Properties of Animals in a Children's Dictionary With and Without Common-Sense Knowledge." In: Miyake, Naomi, David Peebles, and Richard P. Cooper. Eds. *Building Bridges Across Cognitive Sciences. Proceedings of the 34th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

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- Taylor, Julia M., Christian F. Hempelmann, and Victor Raskin. 2011. "Post-Logical Verification of Ontology and Lexicons: The Ontological Semantic Technology Approach." *International Conference on Artificial Intelligence.* Las Vegas, NE. July 2011.
 - Hempelmann, Christian F. "Common Sense: What Machines Should Learn Next for Humor." *2011 Conference of the International Society for Humor Studies.* Boston University, Boston, MA, July 2011.
 - Taylor, Julia M., Victor Raskin, Christian F. Hempelmann. 2011. "Towards Computational Guessing of Unknown Word Meanings: The Ontological Semantic Approach." *Cognitive Science Conference.* Boston, MA. July 2011.
 - Hempelmann, Christian F. 2011. "Spam Filtering with Meaning Density." Intelligence is Fuzzy: Ontology-based Agents, Workshop (also workshop co-chair), *Society for Design and Process Science Conference.* Jeju Island, Korea, June 2011.
 - Hempelmann, Christian F. 2011. "Logical Mechanisms." Panel presentation at the *1st North East Texas Humor Research Conference 2011.* Dallas, Texas. January 30, 2011.
 - Taylor, Julia M., Victor Raskin, Christian F. Hempelmann, and Salvatore Attardo. 2010. "An Unintentional Inference and Ontological Property Defaults." *2010 IEEE International Conference on Systems, Man, and Cybernetics.* Istanbul, Turkey, October 2010.
 - Raskin, Victor, Julia M. Taylor, and Christian F. Hempelmann. "Ontological Semantic Technology for Detecting Insider Threat and Social Engineering." *New Security Paradigms Workshop 2010.* Boston, MA, September 21-23.
 - Hempelmann, Christian F., Julia M. Taylor, and Victor Raskin. 2010. "Application-guided Ontological Engineering." *International Conference on Artificial Intelligence.* Las Vegas, NE, July 2010.
 - Taylor, Julia M., Victor Raskin, Christian F. Hempelmann, and Whitney R. Vandiver. 2010. "Computing the Meaning of Number Expressions in English: The Common Case." *Intelligent Linguistic Technologies Workshop, International Conference on Artificial Intelligence.* Las Vegas, NE, July 2010.
 - Taylor, Julia M., Christian F. Hempelmann, and Victor Raskin. 2010. "On an Automatic Acquisition Toolbox for Ontologies and Lexicons in Ontological Semantics." *International Conference on Artificial Intelligence.* Las Vegas, NE, July 2010.
 - Raskin, Victor, Christian F. Hempelmann, and Julia M. Taylor. 2010. "Guessing vs. Knowing: The Two Approaches to Semantics in Natural Language Processing." *Annual International Conference Dialogue 2010.* Moscow, Russia, May 2010.
 - Raskin, Victor, Christian F. Hempelmann, and Julia Taylor. 2009. "From SSTH to GTVH to OSTH—and never ever back!" Panel presentation at the *2009 Conference of the International Society for Humor Studies.* California State University, Long Beach, California. June 17-20.
 - Raskin, Victor, Katrina E. Triezenberg, Christian F. Hempelmann, Brian Buck, and Arthur Keen. 2008. "Accessing and Manipulating Meaning of Textual and Data Information for Information Assurance and Security and Intelligence Information." Paper presentation at the *Cyber Security and Information Intelligence Research Workshop.* Oak Ridge National Laboratory, Oak Ridge, Tennessee. May 12-14, 2008.
 - Hempelmann, Christian F. 2007. "Laughter in One Flew Over the Cuckoo's Nest and Einer flog über das Kuckucksnest." Poster presentation at the *10th Congress of the Swiss*

- Society for Psychology*. University of Zurich, Switzerland. September 13-14. 2007.
- Raskin, Victor and Christian F. Hempelmann. 2007. "Functional and 'Dysfunctional' Nouns in Ontological Semantics." *Concept Types and Frames in Language, Cognition, and Science*. Universität Düsseldorf, Germany. August 20-22, 2007.
 - Hempelmann, Christian F. and Ursula Beermann. 2007. "What Freshmen Laugh About. Frequent Themes in College Humor." *2007 Conference of the International Society for Humor Studies*. Salve Regina University, Newport, RI. June 28 - July 1, 2007.
 - Hempelmann, Christian F. and Andrea Samson. 2007. "Visual Puns and Verbal Puns. Descriptive Analogy or False Analogy?" *2007 Conference of the International Society for Humor Studies*. Salve Regina University, Newport, RI. June 28 - July 1, 2007.
 - Hempelmann, Christian F. 2007. "Ontological-Semantic Internet Search." *Semantic Content Acquisition and Representation (SCAR) 2007*. Workshop at NODALIDA 2007. Tallinn, Estonia. May 24, 2007.
 - Triezenberg, Katrina E., Christian F. Hempelmann, Chris Gates, Victor Raskin, and Riza C. Berkan. 2007. "Multiword Expressions in Ontological-Semantic Lexicons." *4th Midwest Computational Linguistics Colloquium 2007*. Purdue University, West Lafayette, Indiana. April 28, 2007.
 - Hempelmann, Christian F. and Scott Crossley. 2006. "Wordplay in Church Marquees." With Scott C. Crossley. Paper at the *2006 Conference of the International Society for Humor Studies*. Denmark's Pedagogical University, Copenhagen, Denmark. July 3-7, 2006.
 - Hempelmann, Christian F. and Willibald Ruch. 2006. "The Lexical Field of Laughing in One Flew over the Cuckoo's Nest." Round table contribution at the *2006 Conference of the International Society for Humor Studies*. Denmark's Pedagogical University, Copenhagen, Denmark. July 3-7, 2006.
 - Hempelmann, Christian F. and Andrea Samson. "Introduction to Cartoon Research." Paper at the *2006 Conference of the International Society for Humor Studies*. Denmark's Pedagogical University, Copenhagen, Denmark. July 3-7, 2006.
 - Raskin, Victor and Christian F. Hempelmann. 2006. "The Whys and Hows of Ontological Semantics." Paper at the *DIALOG 2006 Conference*. Moscow, Russian Federation. May 31 – June 4, 2006.
 - Hempelmann, Christian F., Victor Raskin, and Katrina E. Triezenberg. "Computer, Tell Me a Joke ... but Please Make it Funny: Computational Humor with Ontological Semantics." Paper at the *19th International FLAIRS (Florida Artificial Intelligence Research Society) Conference*. Melbourne Beach, Florida. May 11-13, 2006.
 - Hempelmann, Christian F., David Dufty, Philip M. McCarthy, Arthur C. Graesser, Zhiqiang Cai, and Danielle S. McNamara. "Using LSA to Automatically Identify Givenness and Newness of Noun Phrases in Written Discourse." Poster at the *XXVII Annual Meeting of the Cognitive Science Society*. Stresa, Italy. July 21-23, 2005.
 - Dufty, David F., Christian F. Hempelmann, Arthur C. Graesser, Zhiqiang Cai, and Danielle S. McNamara. "An Algorithm for Detecting Causal and Intentional Information in Text." Poster at the *15th Annual Meeting of the Society for Text and Discourse*. Amsterdam, The Netherlands. July 6 – 9, 2005.
 - Hempelmann, Christian F., Vasile Rus, Arthur C. Graesser, and Danielle S. McNamara. "Evaluating State-of-the-Art Treebank-style Parsers for Coh-Metrix and Other Learning Technology Environments." Paper at the *Second Workshop on Building Educational Applications Using Natural Language Processing and Computational Linguistics at the*

- ACL conference 2005*. Ann Arbor, MI. June 25-30, 2005.
- Hempelmann, Christian F. and Andrea Samson. "Cartoons: Formal and Cognitive Differences to Verbal Humor." Paper at the *2005 Conference of the International Society for Humor Studies*. Youngstown State University, Youngstown, OH, June 13-18, 2005.
 - Rus, Vasile and Christian F. Hempelmann. "Across-Genres and Empirical Evaluation of State-of-the-Art Treebank-style Parsers." Paper at the *2nd Language and Technology Conference: Human Language Technologies as a Challenge for Computer Science and Linguistics*. Poznan, Poland. April 21 – 23, 2005.
 - Raskin, Victor, Christian F. Hempelmann, and Katrina E. Triezenberg. "Semantic Forensics: An Application of Ontological Semantics to Information Assurance." Paper at the *ACL 2004 Workshop on Text Meaning and Interpretation*. Barcelona, Spain. July 26, 2004.
 - Hempelmann, Christian F. "An Ynperfect Pun Selector for Computational Humor." Paper at the *Midwest Computational Linguistics Colloquium*. Indiana University, Bloomington, IN, USA, June 25 – 26, 2004.
 - Raskin, Victor, Christian F. Hempelmann and Katrina E. Triezenberg. "Semantic Forensics." Paper at the *Midwest Computational Linguistics Colloquium*. Indiana University, Bloomington, IN, USA, June 25 – 26, 2004.
 - Televnaja, Julija, Christian F. Hempelmann, Krista Bennett, and Katrina E. Triezenberg. "Semantic Representation of English Phrasal Verbs." Paper at the *Intelligent Information Systems 2004 Conference*. Zakopane, Poland. May 17-20, 2004.
 - Hempelmann, Christian F. "YPS-The Ynperfect Pun Selector for Computational Humor." Paper at the *2003 Conference of the International Society for Humor Studies*. Northeastern Illinois University, Chicago, IL. July 8-10, 2003.
 - Raskin, Victor, Sergei Nirenburg, Christian F. Hempelmann, Inna Nirenburg, and Katrina E. Triezenberg. "The Genesis of a Script for Bankruptcy in Ontological Semantics." Paper at the *Text Meaning Workshop of the HLT-NAACL 2003 Human Language Technology Conference*. Edmonton, Canada. May 31, 2003.
 - Hempelmann, Christian F. "YPS-The Ynperfect Pun Selector for Computational Humor." Paper at the *Computer-Human-Interface Conference 2003 of the Association for Computing Machinery*. Ft. Lauderdale, FL. April 6, 2003.
 - Hempelmann, Christian F. "Permissible Distance and Recoverability in Paronomasic Puns." Paper at the *2002 Conference of the International Society for Humor Studies* University of Bologna, Bertinoro, Italy. July 5, 2002.
 - Hempelmann, Christian F. "'99 nuns giggle, 1 nun gasps:' The not-all-that-Christian Natural Class of Christian Jokes." Paper at the *2001 Conference of the International Society for Humor Studies*. College Park, MD. July 7, 2001.
 - Raskin, Victor, Mikhail Atallah, Christian F. Hempelmann, and Dina Mohamed. "Developing an Automatic Hybrid Data and Text System for Downgrading Sensitive Documents." Poster at the *Second Annual Research Symposium of the Center for Education and Research in Information Assurance and Security (CERIAS)*. Purdue University, West Lafayette, IN. April 26, 2001.
 - Raskin, Victor, Mikhail Atallah, Florian Kerschbaum, Christian F. Hempelmann, Sanket Naik, Michael Crogan, and Dina Mohamed. "Watermarking of Natural Language Text." Poster at the *Second Annual Research Symposium of the Center for Education and Research in Information Assurance and Security (CERIAS)*. Purdue University, West Lafayette, IN. April 26, 2001.

- Hempelmann, Christian F. "The Joking Monk: Humor and Narrative Structure in Rabelais' Gargantua." Paper at the *1999 Conference of the International Society for Humor Studies*. Holy Names University, Oakland, CA. July 2, 1999.
- Invited Presentations
 - Hempelmann, Christian F. "Verkackte Komik: Wer findet das witzig? [Shitty humor: Who thinks it's funny?]." Invited paper at the *2018 Kasseler Komik Colloquium "Komik und Kulinarik"*. Kassel, Germany, March 1-3, 2018.
 - Hempelmann, Christian F. "Laughter, no Humor: The 1962 Laughter Epidemic," "Puns are Phono-Semantics: Computers can do Half of it." and "The Terminology of Humor and Laughter Across Languages." Invited lectures at the *2017 International Summer School for Research in Humor and Laughter*, Purdue University, West Lafayette, IN, July 2017.
 - Hempelmann, Christian F. "[Cartoon Komik](#)." Invited plenary presentation at the workshop *Medienästhetik der Komik* [aesthetics of humor in the media] at the Center for Interdisciplinary Studies of the University of Bielefeld, Germany. July 6-8, 2017.
 - Hempelmann, Christian F. "[Can the Meaning of Funny be a Number?](#)" Invited presentation at the Ubiquitous Knowledge Processing Lab at Technische Universität Darmstadt, Germany. July 3, 2017.
 - Reid, Robin and Christian F. Hempelmann. "The Tolkien Corpus Project." Invited plenary presentation at *THATCamp 2016*, Oklahoma State University, Stillwater, OK. May 20-21, 2016.
 - Hempelmann, Christian F. "Humor in the Classroom." Invited Talk. Professional Development Day, Texas A&M University-Commerce, Universities Center Dallas, TX. April 15, 2016.
 - Hempelmann, Christian F., Abdullah N. Arslan, Salvatore Attardo, Grady P. Blount, and Nikolay M. Sirakov. "Real-life Identification of Partially Occluded Weapons in Videoframes." Invited Paper. *SPIE Defense, Security, and Sensing 2016 Conference*. Baltimore, MD, April 2016.
 - Hempelmann, Christian F. Invited participant at the *2nd Artificial Intelligence and Computational Humor Panel* at the 4th Humor Research Conference in Northeast Texas, Rockwall, TX. February 21-23, 2014.
 - Hempelmann, Christian F. "Computational approximations of human humor processing." and "Absurd and nonsensical humor: a proposal." Invited lectures at the *2013 International Summer School for Research in Humor and Laughter*, Otto-von-Guericke University, Magdeburg, Germany, July 2013.
 - Arslan, Abdullah N., Christian F. Hempelmann, Carlo Di Ferrante, Salvatore Attardo, and Nikolay Metodiev Sirakov. "From Shape to Threat: Exploiting the Convergence Between Visual and Conceptual Organization for Weapon Identification and Threat Assessment." Invited Paper. **Recipient of the Lockheed-Martin Best Paper Award.** *SPIE Defense, Security, and Sensing 2013 Conference*. Baltimore, MD, April 2013.
 - Hempelmann, Christian F. and Varadraj Gurupur. "Organizing Knowledge Ontologically: Introduction to the Ontological Semantic Technology Lab." Math and Computer Science Research Forum, College of Science, Engineering, & Agriculture, Texas A&M University-Commerce, TX. March 26, 2013.
 - Hempelmann, Christian F. "Konfessionelle Komik." [Denominational humor.] Invited paper at the *Kassel Humor Colloquium*. Kassel, Germany, March 1, 2013.
 - Hempelmann, Christian F. "A Semantic Baseline for Spam Filtering." *CERIAS Security Seminar*, Purdue University, West Lafayette, IN, January 2013.

- Hempelmann, Christian F. "Artificial Intelligence and Humor: Research Directions in Humor and Computers." *Invited Plenary Contribution at the 2012 AAI Fall Symposium Series*. Arlington, VA, November 2012.
- Raskin, Victor, Christian F. Hempelmann, and Julia M. Taylor. "On the Road to the Ontological Semantic Theory of Humor." Pre-conference Tutorial at the *2012 Conference of the International Society for Humor Studies*. Jagiellonian University, Krakow, Poland, July 2012.
- Hempelmann, Christian F. "False Logic, Formally?" *Computational Humor 2012. 3rd International Workshop on Computational Humor*. Amsterdam, NL, June 8, 2012.
- Raskin, Victor, Christian F. Hempelmann, and Julia M. Taylor. "The Ontological Semantic Alternative: A Meaning-based Path to Natural Language Understanding." Plenary at the *Society for Design and Process Science Conference*. Jeju Island, Korea, June 2011.
- Hempelmann, Christian F. "Explicitness is Proverbially and at This Point in This Title Also Obviously the Death of Wit, or is It?" Invited contribution at the Symposium on the Length of Jokes at the *2011 Conference of the International Society for Humor Studies*. Boston University, Boston, MA, July 2011.
- Hempelmann, Christian F., Victor Raskin and Julia M. Taylor. "The Ontological Semantics of Humor." Keynote lecture at the *2011 Northeast Texas Humor Research Conference*. Southern Methodist University, Dallas, Texas. January 28, 2011.
- Hempelmann, Christian F., Victor Raskin and Julia M. Taylor. "Ontological Semantic Technology in Action." Invited talk at Texas A&M University-Commerce, Texas, January 28, 2011.
- Hempelmann, Christian F. "Semantic Search Beyond RDF?" Invited Panel Statement at the *2009 Semantic Technology Conference*. San Jose, California, June 16, 2009.
- Hempelmann, Christian F. "Why with Ontologies?" Invited presentation at the Justus-Liebig-Universität, Project "Practices of Searching and Finding?" of the Initiative "Cultural Techniques and their Adaptation to the Media." Giessen, Germany, May 25, 2009.
- Hempelmann, Christian F. "Direct-Meaning-Access Ontological Semantics for Information Gathering and Threat Mitigation." Invited Talk at the Departments of Literature & Languages and Computer Science, Texas A&M, Commerce, Texas, May 1, 2009.
- Hempelmann, Christian F. and Andreas Waschbüsch. "Wenn Kirche komisch sein will. [When the church tries to be funny]." Invited paper at the *Kassel Humor Colloquium*. Kassel, Germany, February 20, 2009.
- Hempelmann, Christian F. "Meaning for Humor Researchers," "Is Incongruity that is Resolved Humor?" "GTVH Workshop." Invited lectures at the *8th International Summer School and Symposium on Humour and Laughter: Theory, Research, and Application*. University of Galati, Romania. June 23-28, 2008.
- Hempelmann, Christian F. "Will Semantics Give Web Search a Facelift?" Invited Panel Statement at the *2008 Semantic Technology Conference*. San Jose, California. May 18-22, 2008.
- Hempelmann, Christian F. "Semantic Search." Invited paper at the *New York Semantic Web Meetup Group*. New York, New York. April 17, 2008.
- Hempelmann, Christian F. "Semantic Search: Content vs. Formalism." Invited round table statement at *LangTech2008, Language and Speech Technology Conference*. Rome,

- Italy. February 28-29, 2008.
- Hempelmann, Christian F. and Victor Raskin. "The Ontological Semantic Perspective on the Semantic Web." Invited paper at the *New York Semantic Web Meetup Group*. New York, New York. August 24, 2007.
 - Hempelmann, Christian F. "Is Incongruity That is Resolved Humor?" "Wordplay: Humorous and Non-humorous," "The 3-Hour GTVH Workshop," and "Cartoons: Not just Jokes with a Picture" (with Andrea Samson). Lectures at the *7th International Summer School and Symposium on Humour and Laughter: Theory, Research, and Application*. University of Aberdeen, United Kingdom. July 9-14, 2007.
 - Hempelmann, Christian F. "Beyond Proof-of-Concept: Implementing Ontological Semantics as a Commercial Product." Invited talk at the *4th Midwest Computational Linguistics Colloquium 2007*. Purdue University, West Lafayette, Indiana, April 28, 2007.
 - Hempelmann, Christian F. "The Linguistics of Humor." Lecture for the Course "Humor and Laughter" by Willibald Ruch and Ursula Beermann, University of Zurich, Switzerland. December 2006.
 - Hempelmann, Christian F. and Salvatore Attardo "Is Incongruity Resolved Humor?" "Wordplay: Humorous and Non-humorous," "A GTVH Seminar." Lectures at the *6th International Summer School and Symposium on Humour and Laughter: Theory, Research, and Application*. Universität Fribourg, Switzerland. July 10-14, 2006.
 - Hempelmann, Christian F. and Andrea Samson. "Cartoons: Not just Jokes with a Picture." Lecture at the *6th International Summer School and Symposium on Humour and Laughter: Theory, Research, and Application*. Universität Fribourg, Switzerland. July 10-14, 2006.
 - Hempelmann, Christian F. "The Ontology of Humor Consumers: What do College Students and Computers Find Funny?" Invited talk at the *2006 Humor Symposium*. Youngstown State University, Youngstown, Ohio. April 2006.
 - Hempelmann, Christian F. "Dichter Humor durch dichte Kultur?" [Dense Humor through Dense Culture?]. Invited paper at the *Kassel Humor Colloquium*. Kassel, Germany, February 2006.
 - Hempelmann, Christian F. "The Linguistics of Humor." Interactive lecture taught via the Internet (webcam/chat/forum) for the Course "Humor and Laughter" by Willibald Ruch and Ursula Beermann at the University of Zurich. December 2005.
 - Hempelmann, Christian F. "Introduction to the Semantic Script Theory of Humor and the General Theory of Verbal Humor," and "Cartoons: Aesthetics and Cognition" (with Andrea Samson). Lectures at the *5th International Summer School and Symposium on Humour and Laughter: Theory, Research, and Application*. Universität Tübingen, Germany. July 25-30, 2005.
 - Hempelmann, Christian F. and Willibald Ruch. "3 WD Meets GTVH: Breaking the Ground for Interdisciplinary Humor Research." Keynote address at the *2005 Conference of the International Society for Humor Studies*. Youngstown State University, Youngstown, OH. June 13-18, 2005.
 - Hempelmann, Christian F. and Salvatore Attardo. "Analyzing Texts Using the GTVH." Workshop at the *2005 Conference of the International Society for Humor Studies*. Youngstown State University, Youngstown, OH. June 13-18, 2005.
 - Hempelmann, Christian F. "Linguistic Overview of Punning," "Introduction to the General Theory of Verbal Humor," "Psychology and Linguistics on Joke Dimensions and Resources," and "The Laughter Epidemic: How Much Laughter, How Much Epidemic?"

Lectures at the *4th International Summer School and Symposium on Humour and Laughter: Theory, Research, and Application*. University of Wolverhampton, UK. Sept. 6-11, 2004.

- Hempelmann, Christian F. "Puns: A Linguistic Review," and "An Introduction to the General Theory of Verbal Humor." Lectures at the *3rd International Summer School and Symposium on Humour and Laughter: Theory, Research, and Application*. University of Edinburgh, UK. Sept. 16, 2003.
- Hempelmann, Christian F. "The Epic 1962 Tanganyika Laughter Epidemic." Keynote address at the *2003 Conference of the International Society for Humor Studies*. Northeastern Illinois University, Chicago, IL. July 8-10, 2003.
- Hempelmann, Christian F. "YPS: The Ymperfect Pun Selector for Computational Humor." Invited talk at Twente University, Enschede, The Netherlands. May 15, 2003.
- Hempelmann, Christian F. "YPS: The Ymperfect Pun Selector for Computational Humor." Invited talk at the ITC-irst Center, Trento, Italy. May 6, 2003.
- Hempelmann, Christian F. and Victor Raskin. "Natural Language Information Assurance and Security." Plenary address at the *Center for Education and Research in Information Assurance and Security (CERIAS) Security Seminar*. Purdue University, West Lafayette, IN. April 8, 2003.
- Hempelmann, Christian F. "Current Issues in Linguistic Humor Research." LinguA guest lecture at the Universität Hannover, Germany. June 18, 2002.
- Hempelmann, Christian F. "Current Issues in Linguistic Humor Research." Invited talk at the Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands. June 6, 2002.
- Hempelmann, Christian F., Victor Raskin, and Katrina E. Triezenberg. "Ontology for IAS: Extending Research and Application Paradigms In Information Security." Plenary address at the *Center for Education and Research in Information Assurance and Security (CERIAS) Security Seminar*. Purdue University, West Lafayette, IN. February 6, 2002.

Membership in Professional Societies

- Association for Computational Linguistics (ACL)
- Association for Computing Machinery (ACM)
- Cognitive Science Society (CSS)
- International Society for Humor Studies (ISHS)
- Erdős number: 3 (Erdős—Wagstaff—Atallah—Hempelmann)

Awards, Grants, Appointments, Certificates

- 2018
International Faculty Development Grant (\$950)
- 2016
Junior Faculty Research Award, Texas A&M University-Commerce
- 2013
Facial Action Coding System (FACS) certified coder
- 2013
NSF Algorithms for Threat Detection (ATD) Grant for "Ontology-Based Automated Firearm Threat Detection in Public Spaces", co-principal investigator (\$777,453, not awarded)
- 2013

- DoE national Institute on Disability and Rehabilitation Research (NIDRR) Grant for "A Comprehensive Multimodal Linguistic Analysis of Workplace Discourse to Inform AAC Devices on the Language and Literacy Requirements of Workers with Complex Communication Needs", co-principal investigator (\$522,148, not awarded)
- 2013
NSF 12-581 CCF Algorithmic Foundations Grant for "Automata-Based Algorithms for Sequence Alignment, Search, and Annotation Using Motif Databases", co-principal investigator (\$483,517, not awarded)
 - 2012
Graduate Faculty of Texas A&M University-Commerce
 - 2012
NEH Digital Humanities Start-Up Grant, Level I, for "Mapping the Online Worlds of Social Justice Communities", co-principal investigator (\$177,117, not awarded)
 - 2009
Emerging Voice Award of Purdue's College of Liberal Arts
 - 2008
Graduate Faculty of Georgia Southern University
 - 2007
Graduate Faculty of Purdue University (Adjunct Appointment)
 - 2005
Swiss National Foundation Grant PI0I1-111577/1 for the project "The Ontology of Humor: Psychological and Linguistic Foundations" (10,000 SFr [ca. \$10,000], awarded)
 - 2004
European Union Marie Curie Grant FP6-2002-Mobility-12 Proposal 516528 for "Integration and Development of Interdisciplinary Humor Research", principal investigator (€80,000 [ca. \$120,000], awarded but declined)
 - 2003
Emerging Scholar Award of the International Society for Humor Studies
 - 2001
Quadrille Ball Scholarship of the Germanistic Society of America for research in natural language processing and information security (IIE grant no. F103000-15013790)

Press

- Chicago Tribune (newspaper), 06/29/03, interview: "Examining 1962's 'Laughter Epidemic' "
- Chicago PBS (tv), 07/08/03, short interview on humor in context of 2003 International Society for Humor Studies conference
- WTKS Savannah (radio), 10/13/05, short interview on Swiss National Foundation grant for humor research
- Channel 97 GSU (campus tv), 10/17/05, SNF grant for humor research
- Savannah Morning News (newspaper), 10/10/05, "Research to laugh at", SNF grant for humor research
- The George Anne (GSU student newspaper), 10/10/05, "Take my grant... please! GSU professor receives grant to study humor in Switzerland"
- Statesboro Herald (newspaper), 10/17/05, "No joke: GSU professor to study humor"
- Die Zeit (newspaper), 07/02/07, "Wo ist der Witz? [Where's the joke?]", one feature paragraph in the context of the 2007 International Summer School on Humour and Laughter in Aberdeen,

UK

- Columbus Dispatch (newspaper), 08/06/07, 2 quotes as expert: "Computers get jokes in tiny bytes"
- discoverychannel.com (website), 08/28/07, 5 paragraphs: "Computers Programmed to Get the Joke"
- India Economic Times (newspaper), 08/29/07, 7 paragraphs: "US researchers at the University of Cincinnati have equipped a computer with a sense of humour"
- radio berlin brandenburg, "Die Profis", 09/15/07, 10-minute interview: "Dem Humor auf der Spur [Tracking humor]"
- WNYC NPR radiolab (radio and website), 02/13/08, chief expert for a 1-hour program: "Contagious Laughter"
- ZDNet blog, 03/19/08, "hacker licenses OntoSem technology to third parties"
- altsearchengines, 07/03/08, authored blog entry: "The Semantics of Humor"
- deutschlandradio kultur 07/22/08, 15-minute interview on Otto Waalkes and German humor: "Was uns Komiker über den Zustand unserer Gesellschaft verraten [What comedians tell us about the state of our society]"
- IFRA 08/01/08 flashlight report (web information service), "Opinions on Web 3.0" (English and German)
- BBC website 12/16/08, chief expert for news item: "Helping the web to understand"
- Die Welt (newspaper), 02/23/09, KaKoKo, chief expert on: "Hat Jesus je gelacht? [Did Jesus ever laugh?]"
- Neon (print magazine), 01/05/10, short mention in: "A-Z: Humor"
- New Scientist (UK magazine), 07/15/10, 2 paragraphs in: "Mysteries of Laughter"
- Times of India (newspaper), 07/31/10, 1 paragraph: "Why laughter is contagious" quoting New Scientist
- Spiegel Online (online magazine), einestages, 09/21/11, chief expert: "Lachen bis die Ärzte kamen [laughing until the doctors had to come]"
- Tagesanzeiger 1/24/12 "Lachen wir uns vor Angst bald in die Hose [Will we have to laugh our pants]?", laughter epidemic
- HuffPo Live (online show), 5/17/13, 1 of 4 experts on round table: "Tricking the Mind," laughter epidemic
- HuffPo, TEDWeekends, 8/4/13, response article to Hurley et al. "Inside Jokes": "How Humor Has Not Evolved"
- Playboy Germany, May 2014 (magazine), 1 paragraph on "Die perfekte Anlache [the perfect pick-up joke]"
- Nautilus (online magazine), 4/7/15, chief expert: "Why Does Mass Hysteria Affect Mostly Women?"
- Pride Online (campus online news), 11/13/15, "A&M-Commerce Faculty to Publish in Highest-Ranking Artificial Intelligence Journal"
- KETR.fm The President's Perspective (radio), 12/2/15, 2-minute segment on paper publication Hempelmann et al. (2015)
- Atlas Obscura (online magazine), 1/16/16, chief expert: "[The 1962 Laughter Epidemic of Tanganyika was No Joke](#)"
- Pride Online (campus online news), 8/23/16, "Junior Faculty Research Award Competition Recipients for 2016-2017 Announced"
- RUFMS (science blog), 5/19/17, chief expert: "[What are you laughing at?](#)", laughter epidemic
- Moonwalk (podcast), 7/28/17, chief expert: "[The Revisionist Strikes back](#)", laughter epidemic

Languages

- German (native), English (native equivalent), Old and Middle English, Italian, Latin, Ancient Greek, Dutch, French, Hebrew, Old Irish (in descending order of proficiency)