

Curriculum Vitae
for
Professor Dr Jon Atle Gulla

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Profile

Professor Dr. Jon Atle Gulla is professor of Information Systems at the Norwegian University of Science and Technology (NTNU) in Trondheim, Norway since 2002. He received his MSc in 1988 and his PhD in 1993, both in Information Systems at the Norwegian Institute of Technology. In his PhD thesis he used linguistic theories to generate user-tailored explanations of conceptual models and their executions. Gulla also has a MSc in Linguistics from the University of Trondheim from 1995. In 2003 he completed a MSc of Management (Sloan fellow) at London Business School with a thesis on strategic modeling and simulation of fast growing software companies. Before accepting the professorship at NTNU he was the general manager of Elixir Sprachtechnologie, a Munich software company developing computational linguistics software for the search engine of Fast Search & Transfer. He was a senior consultant and project manager in Norsk Hydro in Brussels from 1997 to 2000, focusing on large-scale SAP projects. As a research scientist with GMD (later Fraunhofer) in Darmstadt from 1996 to 1997, he worked on dialog models for information retrieval.

Gulla's research focus is on *semantic models* in intelligent solutions for enterprises and social networks. He is using techniques from linguistics and information mining (data, text, process) in ontology engineering, business engineering and social network analysis. These technologies are incorporated into semantic information discovery solutions for enterprises and social networks. An important part of his research is also the quality of ontologies, business processes and business networks.

As part of his business activities professor Gulla has co-founded companies developing computational linguistics software, text mining tools, and business process reengineering tools for ERP-supported businesses. He has cooperated with Norwegian and international companies in projects on the introduction of semantic technologies in industry. Currently, he is the chairman of the board of one software company and is regularly giving talks to the business community.

As a professor at NTNU Professor Gulla has taken part in numerous national and international research projects, and he has more than 70 publications in international refereed journals and conferences. He is responsible for courses on information retrieval, text mining, semantic web, project management, and information systems engineering. Central to all his lectures is the importance of models and semantics in future large-scale enterprise solutions. He serves as an expert evaluator for the European Commission and several European countries.

Education

- **Master of Science of Management (MSc)** – Sloan fellow.
London Business School. 2003.
- **Cand.philol (MSc)** in linguistics.
University of Trondheim. 1995.
- **Doktor ingeniør (PhD)** in information systems.
Thesis: “Explanation Generation in Information Systems Engineering”. Norwegian Institute of Technology. 1993.
- **Non-commissioned officer.**
Officers Candidate School, The Norwegian Signal Corps. 1989.
- **Sivilingeniør (MSc)** in information systems.
Norwegian Institute of Technology. 1988.

Work Experience

- 2002 – date. **Professor of Information Systems.**
Norwegian University of Science and Technology, Trondheim, Norway.

Managing projects on Enterprise Semantic Technologies. Research on semantic information retrieval and mining, business engineering and modeling, Semantic Web and ontologies, and economics of intelligent enterprise technologies. Responsible for courses and IT project management, information systems engineering, information retrieval & mining, and Semantic Web. Supervising PhD and MSc students.

- 2000 – 2002. **Managing Director.**
Elexir Sprach- und Informationstechnologie, Munich, Germany.
Subsidiary of Fast Search & Transfer (FAST). Built up the German branch of Fast Search & Transfer. Responsible for all linguistic products in Fast Search & Transfer.

- 1999 – 2001 **Adjunct Associate Professor of Information Systems**
Norwegian University of Science and Technology, Trondheim, Norway.

Responsible for course on information retrieval & mining. Supervising PhD and MSc students.

- 2000. **Project leader**
Hydro Data (Hydro IS Partner), Oslo, Norway.

Data warehouse standardization:

Leading corporate project on standardization of data warehouse architectures and tools in Norsk Hydro.

- 1997-1999. **Senior consultant**
Norsk Hydro (Hydro Data), Brussels, Belgium.

Hydro Agri SAP Reengineering project:

Mapping Agri’s business to SAP functionality. Configuring Materials Management module in SAP. Coordinating training of all European sites in Materials Management and Plant Maintenance. Training local instructors in Materials Management. and Reporting.

ASAP evaluation for Hydro Energy & Hydro Agri

Leading project evaluating ASAP's suitability in Hydro Energy's implementation project and

Hydro Agri's upgrade project.

Hydro Agri upgrade project

Responsible for Materials Management business flow analysis and test models for the upgrade of Hydro Agri's SAP installation from 3.0B to 4.5B.

- 1996. **Associate Professor of Information Systems**
Norwegian University of Science and Technology, Trondheim, Norway.

Responsible for courses on information systems engineering and CSCW technology.

- 1995 – 1996. **Research scientist**
German National Center for Information Technology, Darmstadt, Germany.

MIRACLE project:

Implementing dialog system for multimedia information retrieval system. Developing dialog model based on speech act theory.

INDUSTRY

Entrepreneurship

- 2004 **Businessscape**
Co-founder of Businessscape in Trondheim. Businessscape develops software for analyzing SAP installations and assessing the quality of companies' SAP-supported business flows. 3 employees.
- 2001 **LingIT**
Co-founder of LingIT in Trondheim. LingIT develops and sells computational linguistic products like spell-checkers and natural language interfaces. 6 employees.

Board Experience

- Gulla og Mausset fiskelag (*member of the board, secretary*, from 2005)
- Businessscape (*member of the board, chairman*, from 2004)
- AidCom (*member of the board*, 2007-2009)
- LingIT (*member of the board*, 2001 – 2004)

Industrial cooperation

- Sincerial, Trondheim
- NSA, Oslo
- CognIT, Oslo
- Hjemmet Mortensen, Oslo
- Interance, Oslo
- AidCom, Trondheim
- Deutsche Telekom, Berlin
- TietoEnator, Stavanger
- Selvaag Bluethink, Oslo
- Computas, Oslo
- Telenor, Trondheim

- SAP Norway, Oslo
- Felleskjøpet, Trondheim
- Det Norske Veritas, Oslo
- Kompetansesenterer for IT i helse- og sosialsektoren AS (KITH), Trondheim
- Statoil ASA, Trondheim and Stavanger
- Swiss Re, Zurich
- Fast Search & Transfer AS, Oslo
- Yahoo, Trondheim
- Mitivity, London.
- Digital Networks, London
- HMS Systemer, Trondheim

ACADEMIA

Research projects and centers

- **Ubiquitous service composition for all users (UbiCompForAll):** 2008-2012
StorIKT project funded by the Research Council of Norway. Consortium led by Sintef. One PhD student and two post docs. Total budget of approx. 3.4M Euro.
- **Information Access Disruptions (iAD):** 2006-2014
Center for research-based innovation (SFI) party financed by the Research Council of Norway and led by Fast Search & Transfer. Total budget of approx. NOK 240 million.
The objective is to provide next generation schema agnostic indexing services by fusing structured, unstructured and multimedia content in precision, analytics and scale optimized information access services
- **SmartSearch:** 2008-2009
Funded by Deutsche Telekom with a total budget of approx. 300K Euro. Gulla was part of the management team and coordinator for NTNU's deliverables.
- **Records Management over Decades (LongRec):** 2007-2010.
Funding 3 PhD students and one post doc under the VERDIKT program. Total budget of approx. 2.1M Euro. Consortium led by Det Norske Veritas.
- **Cooperative Mining of Independent Document Repositories(COMIDOR):** 2007-2011
Funding two PhD students and two postdocs under the VERDIKT program. Total budget of approx. 1.1M Euro. Gulla is part of project management team and supervising one PhD student and one postdoc.
COMIDOR's objective is to develop new approaches to complex text mining tasks that make use of documents that for various reasons cannot be merged before the analysis takes place.
- **Integrated Semantic Access in Situated Operations (IS_A)** 2007-2011
Funded by the Norwegian Research Council, Statoil, Selvaag Bluethink and Computas under the VERDIKT program with a total budget of NOK 3.8 million.
The main objective is to enable organizations in the petroleum and construction business to run their knowledge-intensive geographically dispersed operations more efficiently by providing a semantic integrated framework for situated multi-modal knowledge access. The project investigates ways of extending Semantic Web technologies to model the users' entire mobile work context, including his work process and spatio-temporal coordinates.
Jon Atle Gulla is the project leader and the supervisor of one PhD student and one post doc.
- **Database Support for Computational Science Applications (DASCOSA):** 2007-2010
Funding one PhD student and one postdoc under the eVITA program of the Norwegian Research Council. Budget of approx. 400K Euro.
This project uses the peer-to-peer paradigm to develop a Grid DBMS infrastructure for eScience solutions. Jon Atle Gulla is a member of the project management team.

- **Integrated Operations Center (IO center) 2006-2014**
Full name: *Center for e-field and integrated operations for the petroleum industry*
Center for research-based innovation financed by the Research Council of Norway, the petroleum industry, SINTEF; IFE, and NTNU with a total budget of NOK 40 million.
The objective is to develop new knowledge, methods, tools and educational programs to promote a leap in next generation integrated operations solutions for the upstream petroleum activities. This shall lead to improved overall efficiency, better safety and enhanced environmental standards. The IO center shall be a key contributor to the value creation on the Norwegian Continental Shelf and to the international operations of the industrial partners. The center has separate programs for drilling and well construction, reservoir management and production optimization, operations and maintenance, and integration across disciplines. Semantic web technologies and ontologies form the core technologies for integration and interoperability issues.
- **Integrated Information Platform (IIP) 2004-2007**
Full name: *Integrated Information Platform for Reservoir and Subsea Production Systems*
Funded by the Norwegian Research Council (PETROMAX program). Reference no. 163457/S30. Partners: Det Norske Veritas, Statoil, Norsk Hydro, Cap Gemini, Poseidon, OLF, FMC Technologies, National Oilwell Varco, OilCamp, POSC and NTNU. Budget: NOK 24 million. IIP has the long-term objective of increasing petroleum production from subsea systems by making accessible high quality real-time information for decision support in operation centers onshore. It addresses the need for a common understanding of terms and structures in the subsea petroleum industry. The objective is to ease the integration of data and processes across phases and disciplines by providing a comprehensive unambiguous and well accepted terminology standard that lends itself to machine-processable interpretation and reasoning. This ontology standard is represented in OWL, and ontology-driven applications for intelligent search, rule-based notification and 3D visualization are also developed.
Jon Atle Gulla is coordinating the semantic web research carried out at NTNU and supervising one PhD student and one post doc.
- **Deep Thought 2002-2004**
Full name: *Hybrid Deep and Shallow Methods for Knowledge-intensive Information Extraction*
Funded under the 5th framework program for the European Commission. Contract reference IST-2001-37836. Partners: Norwegian University of Science and Technology (NTNU), Saarland University, Stanford University, Sussex University, Cambridge University, XtraMind Technologies GmbH, CELI srl.
Deep Thought aimed to demonstrate the potential of deep semantic processing if combined with shallow methods in the field of Information Extraction. NTNU developed a grammar for Norwegian hike descriptions and implemented a prototype that analyzed hike descriptions semantically and allowed users to search for hikes based on simple descriptions.

Fellowships

- The Norwegian Research Council for Science and the Humanities (NAVF). PhD fellowship 1990-1993.

Invited Research Stays

- Oakland University, Department of Decision & Information Sciences, Rochester, USA. Invited by Professor Vijay Sugumaran. 2008, 7 months.
- Universidad Argentina de la Empresa, Buenos Aires, Argentina. Research stay at the Modeling and Simulation Laboratory. Invited by Professor Jorge Fantin. 2007. 3 months.
- Vrije Universiteit in Amsterdam, the Netherlands. Two research stays – of of two weeks – at the Computer Science Department. Invited by Professor Reind van de Riet. November 1993 and January 1994.

- University of Texas at Arlington (UTA), USA. Research stay at the Computer Science Engineering Department. Invited by Professor David C. Kung. 1992. 6 months.

Academic Responsibilities and Leadership

- Head of department at the Department of Computer and Information Science, NTNU, 2010/2012.
- Deputy head of department at the Department of Computer and Information Science, NTNU, 2009/2010.
- Section leader of Section for Development and Use of IT Systems, NTNU, 2007
- Member of Integrated Operations center at NTNU
- Board member of NTNU's Language Technology program
- Member of program council for study program Engineering Science and Information and Communication Technology, NTNU

Organization of international conferences and workshops:

- Semantic Days 2009, Stavanger, chair of Session 3 Ontology tools
- Panelist in NLDB'2008, London
- CAiSE 2007, Trondheim. Workshop co-chair
- Semantics & Search. IDI/UBIS seminar. Chair. 2006.
- NLDB'1996, Amsterdam. Member of organizing committee

Member of the program committees of international conferences and workshops:

- NLDB'2010. 15th International Conference on the Application of Natural Language for Information Systems (NLDB'2006), Cardiff. Wales.
- EKAW'2010. 17th Conference on Knowledge Engineering and Knowledge Management, Lisbon, Portugal.
- BIS'2010. 13th International Conference on Business Information Systems, Berlin.
- OnAV'2010. 3rd International Workshop on Ontology Alignment and Visualization.
- NLDB'2009. 14th International Conference on the Application of Natural Language for Information Systems (NLDB'2006) in Saarbrücken, Germany.
- OnAV'2009. 2nd International Workshop on Ontology Alignment and Visualization, Fukuoka, Japan.
- ODBASE'2008. 7th International Conference on Ontologies, DataBases, and Applications of Semantics in Monterrey, Mexico.
- BPI'2008. 4th International Workshop on Business Process Intelligence in Milano.
- eCOMO'2008. 7th International Workshop on Conceptual Modeling Approaches for e-Business in Klagenfurt, Austria.
- OnAV'2008. International Workshop on Ontology Alignment and Visualization, Barcelona, Spain.
- BPI'2007. 3rd International Workshop on Business Process Intelligence in Brisbane, Australia.
- NLDB'2007. 12th International Conference on the Application of Natural Language for Information Systems (NLDB'2007) in Paris, France.
- CONFENIS'2006. The IFIP International Conference on Research and Practical Issues of Enterprise Information Systems in Vienna, Austria.
- NLDB'2006. 11th International Conference on the Application of Natural Language for Information Systems (NLDB'2006) in Klagenfurt, Austria.
- NLDB'2005. 10th International Conference on the Application of Natural Language for Information Systems (NLDB'2005) in Alicante, Spain.

- NLDB'2004. 9th International Conference on the Application of Natural Language for Information Systems (NLDB'2004) in Manchester, UK
- NLDB'2003. 8th International Conference on the Application of Natural Language for Information Systems (NLDB'2003) in Burg, Germany
- NLDB'2002. 7th International Conference on the Application of Natural Language for Information Systems (NLDB'2002) in Stockholm, Sweden.
- NLDB'2001. 6th International Conference on the Application of Natural Language for Information Systems (NLDB'2001) in Madrid, Spain.
- NLDB'2000. 5th International Conference on the Application of Natural Language for Information Systems (NLDB'2000) in Versailles, France.
- NLDB'1996. 2nd International Conference on the Application of Natural Language for Information Systems (NLDB'96) in Amsterdam., the Netherlands

Editorial board of journals:

- Enterprise Information Systems (EIS)
- International Journal of Business Information Systems (JBIS)

Reviewer for international journals:

- Transactions on Systems, Man, and Cybernetics – Part B: Cybernetics
- IEEE Software
- Data & Knowledge Engineering
- Information Sciences
- Information and Software Technology

Evaluator for international research programs:

- European Commission, FP7-ICT-2009-Call 5, Belgium, 2009.
- Oslo University College, 2009.
- Semantic systems, Austria. 2007.
- FWF, Austria, 2006.
- Finland. 2007.

Opponent/administrator in PhD defenses:

- Martin Thorsen Ranang. "*Open-Domain Word-Level Interpretation of Norwegian.*" Norwegian University of Science and Technology, 2009 (internal opponent and administrator).
- Rune Sætre. "*GeneTUC : Natural Language Understanding in Medical Text*". Norwegian University of Science and Technology, 2006 (internal opponent and administrator) .
- Håvard Jørgensen. "*Interactive Process Models*". Norwegian University of Science and Technology, 2004 (internal opponent)

Supervision of PhD students:

- Ali Norozi: "*Relevance ranking in schema-agnostic search systems*". Ongoing research.
- Lars Bungum: "*A contextual analysis of adaptive machine translation*". Ongoing research.
- Wei Wei. Preliminary title: "*Opinion Mining in Social Networks*". Ongoing research.

- Geir Solskinnsbakk. Preliminary title: “*Contextual Semantic Search*”. Ongoing research.
- Jeanine Lilleng, Preliminary title: “*Multi-lingual information retrieval*”. Ongoing research.
- Stein Tomassen. Preliminary title: “*Ontology-Driven Information Retrieval*”. Ongoing research.
- Jon Espen Ingvaldsen. Preliminary title: “*Search and Semantics in Business Process Mining of ERP Transaction Data*”. Ongoing research.
- Hao Ding. Preliminary title: “*A Semantic Search Framework in Peer-to-Peer Digital Libraries*”. 2006. (secondary supervisor)
- Xiaomeng Su. “*Semantic Enrichment for Ontology Mapping*”. Norwegian University of Science and Technology, 2004. (secondary supervisor)
- Terje Brasethvik. “*Conceptual modelling for domain specific document description and retrieval*”. Norwegian University of Science and Technology, 2004. (secondary supervisor)

Supervision of Master students (as professor):

- Bowen Sun. “*Learning Hierarchical Relationships in Ontology Engineering*.” 2010.
- Terese Liadal. “*Representation of Business Processes with Semantic Rule Languages*.” 2009.
- Vincent Dedeaban. “*Ontology-driven and rule-based system for management and pricing of family of product*”. 2007
- Gøran Sveia Kvarv. “*Ontology Learning – Suggesting Associations from Text*”. 2007
- Øyvind Arne Evensen. “*Semantic Relations in Yahoo! News Search*”. 2007
- Wei Feng, “*Value Modeling in the Agricultural Business Sector*”. 2007
- Geir Solskinnsbakk, “*Ontology-Driven Query Reformulation in Semantic Search*”. 2007
- Geir Øyvinn Grimnes, “*Ontologikonstruksjon for Statoil*”. 2006
- Hans Olaf Borch. “*On-Line Clustering of Web Search Results*”. 2006
- Tarjei Lægreid and Paul Christian Sandal, “*Financial news mining: Extracting useful information from continuous streams of text*”. 2006
- Jahn Arne Johnsen (secondary supervisor), 2006
- Helge Thomas Hellerud. “*Automatisk sammendragsgenerering av nyhetsartikler*” (Automatic Summarization of News Articles). 2005
- Svein Ola Løkse, 2005
- Stian Junge Strand. “*Tolkning av fotballreferater*” (Interpretation of Football Articles). 2005.
- Geir Karlsen, Erlend Solberg and Ole Øyvind Skaar. “*Multiple case studies of Norwegian hi-tech start-ups*”. 2004
- Jon Espen Ingvaldsen. “*ERP Projects and Data Mining*”. 2003.
- Ole Andreas Hegle. “*Business process management*”. 2003
- Lene Stray Gundersen, 2002

Courses taught:

- TMM4230 Technology for Integrated Operations and the Semantic Web
- TDT4215 Web Intelligence
- [TDT4290 Customer-Driven Project](#)
- [TDT44 Semantic Web](#)
- DT8109 Business Systems
- [TDT4175 Information Systems](#)

Panel Participation

- “Semantic Technologies and Their Applications.” *13th International Conference on Applications of Natural Language to Information Systems (NLDB 2008)*, 25 June, London. 2008. Other panelists: Philip Cimiano, David Grimshaw and Sophia Ananiadou.
- “The Knowledge Organisation of 2020.” *INFOSAM 2020 Conference*, 19 April 2004, Trondheim. Other panelists: Torbjørn Skramstad, Torbjørn Nordgård, and Leif Martin Hokstad.

Invited talks

- “Ontology Engineering in the Petroleum Business.” *Panel 3: Language Resources of Africa: a call for shared methodologies. Africa Network Norway (NAD)*, Trondheim, 2 October 2009.
- “Detecting Semantic Drift in Ontologies”. *ISO 15926 and Semantic Technologies*, Sogndal, 10 September 2009.
- “Tool-Supported Approaches to Ontology Engineering. *Semantic Days*, 22 April 2008.
- “Semantics in Search”. Vestlandsforskning. Sogndal, 27 August 2007.
- “Semantic Search Strategies. *OLF Conference on Integrated Operations*, Stavanger, 13 June 2007.
- “From Google Search to Semantic Exploration”. *Semantic Days*, 24 April 2007, Stavanger.
- “Bruk av semantiske teknologier for å støtte dynamisk integrerte operasjoner”. TietoEnator seminar: *Integrerte operasjoner – status og muligheter*. Stavanger, 9 November 2006.
- “Semantic Search Methods”. OLF seminar: *Common industry solutions for the oil and gas industry*. Stavanger, 28 September 2006.
- “Research at NTNU”. *IIP Workshop on Integrated Information Platform for reservoir and subsea production systems*, Stavanger, 24 August, 2006.
- “Ontologies and Search”. *Semantic Days*, 27 April 2006, Stavanger:
- “Semantic Web Research in Norway”. *Semantic Days*, 26 April 2006, Stavanger:
- “Semantic Web Applications – Capabilities and Challenges”. *Seamlessness in interfaces project seminar*, Oslo, December 2005.
- “Why Ontologies on the Web”, *Seminar on Industrial Terminology – Use of reference data*. Standard Norge and DNV, Lillehammer, March 2005.
- “Some thoughts about the Semantic Web initiative, OWL, and ontology-driven information management”, OLF seminar, Stavanger, 2004
- “The organization of human affairs/The creative human: Information Systems.” *INFOSAM 2020 Conference*, 19 April 2004, Trondheim.

Presentations at conferences and workshops

- “Semantic Drift in Ontologies”. The 6th International Conference on Web Information Systems and Technologies (WEBIST 2010), Valencia, 7-10 April 2010.
- “Issues in Ontology Creation for Web Search.” *The 7th Workshop on e-Business (Web 2008). International Conference on Information Systems*, Paris, December 2008
- “An Ontology Creation Methodology: A Phased Approach.” *2nd International Workshop on Ontology Dynamics (IWOD 2008), International Conference on the Semantic Web*, Karlsruhe, October 2008.
- “A Hybrid Approach to Ontology Relationship Learning.” *13th International Conference on Applications of Natural Language to Information Systems (NLDB 2008)*, 25 June, London. 2008.
- “Using Association Rules to Learn Concept Relationships in Ontologies.” *10th International Conference on Enterprise Information Systems (ICEIS 2008)*, Barcelona, 14 June 2008.
- “Interoperability in the Petroleum Industry.” *10th International Conference on Enterprise Information Systems (ICEIS 2008)*, Barcelona, 14 June 2008.
- “Financial News Mining: Monitoring Continuous Streams of Text”. *2006 IEEE/WIC/ACM International Conference on Web Intelligence (WI 2006)*, Hong Kong, December 2006.

- "Unsupervised Keyphrase Extraction for Search Ontologies". *11th International Conference on Applications of Natural Language to Information Systems (NLDB'2006)*, Klagenfurt, June 2006.
- "Semantic Interoperability in the Norwegian Petroleum Industry. *5th International Conference on Information Systems Technology and its Applications (ISTA'06)*, Klagenfurt, June 2006.
- "A Text Mining Approach to Integrating Business Process Models and Governing Documents". OnTheMove Federated Conferences and Workshops. *Workshop on Interorganizational Systems and Interoperability of Enterprise Software and Applications (MIOS+INTEROP)*, Agia Napa, October 2005.
- "Understanding Requirements in Enterprise Systems Projects." *12th IEEE International Requirements Engineering Conference (RE'04)*, Kyoto, August 2004
- "A Flexible Workbench for Document Analysis and Text Mining." *9th International Conference on Applications of Natural Language to Information Systems (NLDB'04)*, Manchester, June 2004.
- "Linguistics in Large-Scale Web Search." *7th International Conference on Applications of Natural Language to Information Systems (NLDB'2002)*, Stockholm, June 2002.
- "A Conceptual Modeling Approach to Semantic Document Retrieval." *14th International Conference on Advanced Information Systems Engineering (CaiSE'2002)*, Toronto, May 2002.
- "Model-Driven Business Management – the Linguistic Perspective." *6th International Workshop on Applications of Natural Language to Information Systems (NLDB'2001)*, Madrid, June 2001.
- "On the Challenges of Business Modeling in Large-Scale Reengineering Projects." *Forth International Conference on Requirements Engineering (ICRE'2000)*, Schaumburg, Illinois, June 2000
- "Implementing SAP R/3 in a Multi-Cultural Organization". First International Workshop on Enterprise Management and Resource Planning Systems (EMRPS'99), Venice, November 1999.
- "Retrieving Conceptual Models on the Basis of Word Semantics", *Second International Workshop on Applications of Natural Language to Information Systems (NLDB'96)*, Amsterdam, 1996.
- "Verification of Conceptual Models based on Linguistic Knowledge". *First International Workshop on Applications of Natural Language to Data Bases (NLDB'95)*, Versailles, 1995
- "Combining Functional Grammar and Rhetorical Structure Theory for discourse representation." *Conference on Functional Grammar*, York, 1994.
- "Executing, Viewing and Explaining Conceptual Models". *First International Conference on Requirement Engineering (ICRE-94)*, Colorado Springs, USA, 1994. IEEE.
- "An Integrated Environment for Validating Conceptual Models". *Sixth International Workshop on Computer-Aided Software Engineering (CASE'93)*, Singapore, July 1993.

In the press:

- "Towards a Semantic Information Platform for Subsea Petroleum Processes". ERCIM News, No. 66. (http://www.ercim.org/publication/Ercim_News/enw66/gulla.html).
- "NTNU-forskere arbeider med å forbedre søk og presentasjon av data". The Norwegian Oil Industry Association (OLF), 30 September 2005. (<http://www.olf.no/io/kunnskapsind/>).
- "Hva om vi ikke har en felles forståelse av hva vi legger i begrepene?". Knut Lindelien. Standard Norge. March 2005. (<http://www.standard.no/imaker.exe?id=9680>)
- "Unge gründere med brukerfokus". *Forskning.no*, 2 September 2004. (<http://forskning.no/naeringsliv/Artikler/2004/september/109411121.79>).
- "Unge gründere med brukerfokus". *Teknisk Ukeblad*, 26 August 2004. (<http://www.tu.no/nyheter/arbeidsliv/article29221.ece>).
- Universitetsavisa, 1993

CULTURE

Languages

- Norwegian, mother tongue
- English, fluent
- German, working knowledge
- French, Spanish, basic knowledge

Skiing competitions

- Flyktingerrennet 2009
- Rensfjellrennet 2005
- Flyktingerrennet 2004
- Birkebeinerrennet 2002

Gulla Gaard

Owner of a traditional summer hotel in Surnadal. The hotel is located by the river Surna, one of the finest salmon rivers in Norway. Includes a large English garden, a ducks pond, a tennis court and buildings of the local architecture. The hotel closed down in 1964 and is now under complete restoration.

Sources about Gulla Gaard:

- Harangen, Morten. "Hekta på sjøørret." *Fluefiske 2010*, pp. 94-98, 2010.
- Lillegård, Magne. "Gjenskarar portvinskongen sitt rike." *Driva*, 20. november 2009, pp. 12-14.
- Gulla, Jon Atle. "*Portvin og laks på Gulla Gaard*." ISBN 978-82-303-1223-0. 2009.
- Harangen, Morten. "*Port and Salmon*." *Flyfishers Journal*, Vol. 89, No. 326, Winter 2008, pp. 18-21.
- Harangen, Morten. "Mannen som vil skape Gulla av gråstein." *Fluefiske 2008*, pp. 55-59, 2008.
- *Driva*. "Ærverdige Gulla Gaard". 17. august 2007.
- Bryn, Thor (red.). *Norske fiskeeventyr: Med engelske sportsfiskere gjennom Norge i gamle dager*. Cappelen. 2004.
- Haranger, Morten. "En laksegårds fall". *Landliv*, nr. 5, pp. 20-27, 2003.
- Svensli, Rolf Ivar. "Bare tennisbanen igjen...". *Driva*, 30. juli 1993.
- Holten, Ola J. "I lakselordenes fotspor: Portvinkongen på Gulla Gård". *Sportsfisker'n*, pp. 10-16. Årbok 1986.
- *Adresseavisen*. "26,5 kilo rekord". 19. juli 1984.
- Meringdal, Odd. "Engelsktida i Surna – del 2". *Driva*, 13. januar 1976, s. 4.
- Nordvik, Ola. "Storfisk og storfiskarar". *Du mitt Nordmøre 1972*. s. 19-29.
- *Tidens krav*. "Laksefiske i gamle dager". 25. juni 1962.
- *Tidens krav*. "Ryfylking innførte skisporten i Sveits". 28. februar 1962.
- Headlam, Maurice. *A Holiday Fisherman*. Robert Hale. 1949.
- *Norwegian Anglings*. Nr 4309, p. 95. Lumley & Dowell, Lumley House. 1912.
- *Surnadølen*. "Opmars til Gulla". Nr II, 19. september 1899.
- Chapman, Abel. *Wild Norway: with chapters on Spitsbergen, Denmark, etc*. London: Edward Arnold. 1897.
- Sandeman, Fraser. *Angling Travels in Norway*. Chapman & Hall, Ltd. 1895.