

PUBLICATIONS

- Book Chapters** ♦ Gottgtroy, P., Kasabov, N. & MacDonell, S. Evolving Ontologies for Intelligent Decision Support (2005). Published by Elsevier in the series "Capturing Intelligence" - Fuzzy Logic and the Semantic Web. To be published.
- Papers** ♦ Gottgtroy, P., Jain. V., MacDonell, S. & Kasabov, N (2005). An ontological representation of gene-brain diseases. Proceedings of 23rd International Australasian Winter Conference on Brain Research.
- ♦ Jain. V., Gottgtroy, P. & Kasabov, N (2005). Sequence analysis of subunit neuronal information-processing parameter proteins AMPA, GABA and NMDA to facilitate Neurogenetic Modelling. Proceedings of 23rd International Australasian Winter Conference on Brain Research.
 - ♦ Gottgtroy, P., Kasabov, N. & MacDonell, S. (2005). Enhancing data analysis with Ontologies and OLAP. Data mining 2005. Paper Accepted for publication.
 - ♦ Gottgtroy, P., Jain, V. (2004). Brain genes relationship: an ontological representation. Proceedings of the Neurocomputing and Evolving Intelligence 2004 - NCEI'2004. Auckland, New Zealand.
 - ♦ Gottgtroy, P. (2004). Analysing Ontologies with OLAP technology. Proceedings of the Neurocomputing and Evolving Intelligence 2004 - NCEI'2004. Auckland, New Zealand
 - ♦ Gottgtroy, P., Kasabov, N. & MacDonell, S. (2004). An ontology driven approach for knowledge discovery in Biomedicine. Proceedings of the VIII Pacific Rim International Conferences on Artificial Intelligence (PRICAI) - Auckland, New Zealand.
 - ♦ Gottgtroy, P., Jain, V. (2004). Infogene Map- Linking genes and diseases. Proceedings of the International Conference on Recent Advances in Biomedical & Therapeutic Sciences (ICRABTS 2004). Jhansi, (U.P.), India.
 - ♦ Gottgtroy, P. (2003). Ontology builder for biomedical informatics. Proceedings of the Neurocomputing and Evolving Intelligence 2003 - NCEI'2003. Auckland, New Zealand.
 - ♦ Gottgtroy, P., Kasabov, N. & MacDonell, S. (2003). Building Evolving Ontology Maps for Data Mining and Knowledge Discovery in Biomedical Informatics. Proceedings of the BIOMAT - Brazilian Symposium of Mathematical and Computational Biology . Rio de Janeiro.
 - ♦ Gottgtroy, M. P. B. & Gottgtroy, P. C. M. (2003). Ontologies, CRM, Data Mining: How to integrate. Proceedings of the Data mining IV. Southampton, Boston: WIT press.
 - ♦ Gottgtroy, P., Kasabov, N. & MacDonell, S. (2003). An ontology engineering approach for Knowledge Discovery from data in evolving domains. Proceedings of the Data mining IV. Southampton, Boston: WIT press.
 - ♦ Gottgtroy, P., Gottgtroy, M. P. B. (2001). Significant Conceptual Modeling - A health care enterprise case study. Proceedings of the 12th DEXA Conference and Workshop - International Workshop on Knowledge Extraction for Enterprise Services. Munich Germany: IEEE Computer Society Press.
 - ♦ Gottgtroy, P. C. M., & Gottgtroy, M. P. B. (1999). Rede educacional de ensino em informática: Um caminho para os novos desafios do novo milênio. Proceedings of the VII Workshop de Educação em Computação - XIX Congresso Nacional da Sociedade Brasileira de Computação, Rio de Janeiro, XIX Brazilian Computer Society Symposium. Rio de Janeiro: Edições Entre Lugar.

- ◆ Gottgtroy, P., Gottgtroy, M. P. B. & Mazukiesvisky, N. A. P. (1998). Learning Monitoring Intelligent System - SIAE: A Cooperative Learning System. Proceedings of the CATE'98: Computers and Advanced Technology in Education. Cancun, Mexico: ACTA Press.
 - ◆ Gottgtroy, P. C. M. (1998). Conceptual Modelling in Requiriments Engineering Process) - Proceedings of I Logic, Databases and Computational Intelligence Workshop; 11-13/11/1998, Natal, RN, Brazil.
 - ◆ Gottgtroy, P., Gottgtroy, M. P. B. & Mazukiesvisky, N. A. P. (1997). Sistema Inteligente De Acompanhamento Escolar (SIAE - A Cooperative Learning System) – Proceedings of VIII Simposio Brasileiro de Informatica na Educacao (Brazilian Symposium of Computer in Education), Sao Jose Dos Campos, São Paulo, Brasil.
- Posters**
- ◆ Jain, V., Gottgtroy, P., Kasabov N. (2005) Modelling the interaction between 2G12 antibody and GP120 of HIV. NZBio Conference 2005 - The NZ Advantage. Auckland, New Zealand.
 - ◆ Gottgtroy, P., Jain, V., Kasabov N. (2005) Linking brain diseases through gene networks using ontology maps. NZBio Conference 2005 - The NZ Advantage. Auckland, New Zealand and invited presentation at The NZ Association of Clinical Research 2005.
 - ◆ Verma, A., Gottgtroy, P., Havukkala, I. and Kasabov N. (2005) Understanding the molecular basis of Type-2 diabetes by means of "Evolving Ontologies". Molecular Biology Meeting 2005. Queenstown, New Zealand.
 - ◆ Gottgtroy, P. (2005). Biomedical Ontology Analysis. MacDiarmid Young Scientists of the Years Awards. Auckland, New Zealand.
 - ◆ Gottgtroy, P. (2004). Evolving Ontologies- Sharing biomedical knowledge. MacDiarmid Young Scientists of the Years Awards. Auckland, New Zealand.
- Thesis**
- ◆ Master Thesis in Systems and Computation Program /Federal University of Rio Grande do Norte (DIMAP/UFRN) - A Requirement Engineering Proposal for Dynamic Systems.
- Monograph**
- ◆ Information Systems - A Road to the Quality - National Commercial Training Service – Brazil.