FELIX AGAKOV – *Publication List*

◦ ARTICLES:

- C.K.I Williams, F.V. Agakov and S.N. Felderhof. **Products of Gaussians**. Accepted to NIPS, 2001. [ANIPS-14, MIT Press].
- C.K.I Williams, F.V. Agakov. **Products of Gaussians and Probabilistic Minor Components Analysis**. Accepted to Neural Computation, 2001. [MIT Press].
- F. V. Agakov. **Recombinational Synthesis in Neuro-Genetic Algorithms**, *Mathematical Models and Applications '00*, Cheboksary, Chuvash State University, 2000.
- F. V. Agakov. **Trigonometric Interpolation of Complex Signals in Testing Systems**, *Mathematical Models and Applications '99*, Cheboksary, Chuvash State University, 1999.

◦ MASTER'S THESIS:

- F. V. Agakov. **Investigations of Gaussian Products-of-Experts Models**. Master's Thesis, Division of Informatics, The University of Edinburgh, 2000.

◦ MANUSCRIPTS:

- C.K.I Williams, F.V. Agakov. **An Analysis of Contrastive Divergence Learning in Gaussian Boltzmann Machines**. Submitted to *Neural Information Processing Systems*, 2001. [ANIPS-14, MIT Press].

◦ TECHNICAL REPORTS:

- C.K.I Williams, F.V. Agakov. **Products of Gaussians and Probabilistic Minor Components Analysis** (extended version). University of Edinburgh, Institute of Adaptive and Neural Computation. Technical Report, EDI-INF-RR-0043, July 2001.

◦ BOOK CHAPTERS:

- R. Hohenstein, F.V. Agakov. **Toward Multi Parameter Control for Laser Beam Welding**. In: Vollertsen F., Kleiner M.: Idee-Vision-Innovation, Meisenbach, 2001.

◦ OTHER WORK[1]:

- F. V. Agakov. **Neuro-Genetic Approach to Some Problems of Artificial Intelligence**. Deposition to *VINITI* (All-Russian Scientific and Technical Information Institute), N3546-V99, 1999.
- F. V. Agakov. **Neuro-Genetic Modeling with *GNC***. Deposition to *VINITI*, N3547-V99, 1999.
- F. V. Agakov. **Algorithms of Natural Language Processing for the Problem of Sentence Morphology**. Deposition to *VINITI*, 1999, N 1312-V99.
- F. V. Agakov. **Approximation of Complex Signals With Sinusoidal Fragments and a Constant Component, and Its Practical Usage in Testing Systems**. Deposition to *VINITI*, 1998, N 3303-V98.

[1] This includes earlier work and depositions.