

MAURICIO KUGLER

Contact Information

Department of Computer Science & Engineering
Nagoya Institute of Technology, 20-501
Showa-ku, Gokiso-cho
Nagoya, Japan - 466-8555

Phone: +81-52-735-5461
Mobile: +81-90-5004-5046
e-mail: mauricio@kugler.com

Personal Information

Date of Birth: April 9th, 1978
Place of Birth: Curitiba, Paraná, Brazil
Parents: Walter Kugler and Gisela Kugler
Citizenship: Brazilian

Educational Record

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| 2003 - 2007 | Ph.D. in Pattern Recognition, Department of Computer Science & Engineering, Nagoya Institute of Technology, Nagoya, Japan. |
| 2001 - 2003 | M.Sc. in Biomedical Engineering, Graduate School in Electrical Engineering and Industrial Computer Science, Federal Technological University of Paraná, Curitiba, Brazil. |
| 1996 - 2000 | B.E. in Electrical Engineering - emphasis in Electronics & Telecommunication, Department of Electronics, Federal Technological University of Paraná, Curitiba, Brazil. |
| 1993 - 1996 | High School, Technician in Electronics, Department of Electronics, Federal Technological University of Paraná, Curitiba, Brazil. |

Academic Experience

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| 2007 - | Assistant Professor, Department of Computer Science and Engineering, Nagoya Institute of Technology, Nagoya, Japan. |
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Professional Experience

- 2001 - 2003 Internship, LIT - Laboratory of Innovation and Technology in Embedded Systems Federal Technological University of Paraná, Curitiba, Brazil.
- 1999 Internship, Siemens Telecommunications, Curitiba, Brazil.
- 1998 - 1999 Internship, NuPES - Concurrent Engineering R&D Laboratory, Federal Technological University of Paraná, Curitiba, Brazil.
- 1997 Internship - MMA2 Project, SIEMENS & CEFET-PR partnership, Federal Technological University of Paraná, Curitiba, Brazil.

Honors And Awards

- 2008 Best Paper Award in the 15th International Conference on Neural Information Processing.
- 2005 Research grant from The Hori Information Science Promotion Foundation.
- 2003 - 2007 Monbukagakusho Scholarship from the Ministry of Education, Science, Sports and Culture of Japan.
- 2000 First Place among graduating students in Electrical Engineering, Federal Technological University of Paraná, Curitiba, Brazil.

Events Participation

- 2008 Session Chair & Paper Presentation in the 15th International Conference on Neural Information Processing, Auckland, 2008.
- 2007 Session Co-Chair & Paper Presentation in the 14th International Conference on Neural Information Processing, Kitakyushu, 2007.
- 2006 Poster presentation in the 14th European Symposium on Artificial Neural Networks, Bruges, Belgium.
- 2004 Poster presentation in the 8th Pacific Rim International Conference on Artificial Intelligence, Auckland, New Zealand.

- 2002 Paper presentation in the 18th Brazilian Congress of Biomedical Engineering, São José dos Campos, Brazil.
- 2001 Assistant National Leader of the Brazilian Delegation, The 14th Ship for World Youth Program, sponsored by Cabinet Office, Government of Japan, Tokyo, Japan.

Important Publications[†]

Thesis

- [1] M. Kugler. *Large-Scale Divide-and-Conquer Support Vector Classification*. PhD thesis, Graduate School of Engineering, Department of Computer Science and Engineering, Nagoya Institute of Technology, Nagoya, February 2007. 135 pages.
- [2] M. Kugler. Uma contribuição ao desenvolvimento de interfaces cérebro computador utilizando potenciais visualmente evocados. Master's thesis, Graduate School in Electrical Engineering and Industrial Computer Science, Federal Technological University of Parana, Curitiba, February 2003. 170 pages.

Journals and Conferences

- [3] M. Kugler, V. Benso, S. Kuroyanagi, and A. Iwata. Novel Approach for Hardware Based Sound Classification. *Proceedings of the 15th International Conference on Neural Information Processing*, pages 859–866, Auckland, Springer Verlag, 2009, Part II, LNCS 5507.
- [4] M. Kugler, S. Kuroyanagi, A. S. Nugroho, and A. Iwata. CombNET-III with nonlinear gating network and its application in large-Scale classification problems. *IEICE Transactions on Information & Systems*, E91-D(2):286–295, February 2008.
- [5] M. Kugler and H. S. Lopes. A configware approach for the implementation of a lvq neural network. *International Journal of Computational Intelligence Research*, 3(1):21–25, January 2007.
- [6] M. Kugler, S. Kuroyanagi, A. S. Nugroho, and A. Iwata. CombNET-III: a support vector machine based large scale classifier with probabilistic framework. *IEICE Transactions on Information & Systems*, E89-D(9):2533–2541, September 2006.

[†]For the complete list of publications, please access:
<http://www.mauricio.kugler.com/publications.html>

Professional Affiliations

The Institute of Electrical & Electronics Engineers (IEEE).

Foreign Languages

Portuguese (native)
English (fluent)
Japanese (intermediate)
Spanish (intermediate)

Computer Skills

Operating System: Microsoft Windows, Linux.
Programming Languages: C, C++, C#, Java, Assembler, VHDL, MATLAB.

Personal References

Prof. PhD Akira Iwata
Department of Computer Science and Engineering
Nagoya Institute of Technology
Gokiso-cho, Showa-ku, Nagoya, Japan - 466-8555
Phone: +81-52-735-5423

Extra Professional Activities

Music: Clarinet and Bass Clarinet player.