

Felipe Negrande

Assistant professor, Medical School, Miskatonic University

PERSONAL DATA

Name: Felipe Negrande
Sex: male
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EDUCATION

Sep. 1996 to Apr. 2000: PhD student in Computational Physics.
Dept. of Computer Science, **University of Campazas**, USA.
Jan. 1994 to Sep. 1995: MSc in Physics.
Dept. of Applied Physics, **Isaac Newton University**, U.K.
MSc project: development of a numerical methods library for the computation of elliptic integrals in bounded domains.
Sep. 1985 to July 1989: BSc in Mathematics (1st Class Honours).
Dept. of Mathematics, **Griesheim University**, Germany.

RESEARCH EXPERIENCE

Sep. 2004 to present: Assistant professor.
Dept. of Anatomy, Medical School, Miskatonic University.
Research area: application of computer models to tissue reanimation.
Sep. 1996 to Apr. 2000: PhD student.
Dept. of Computer Science, University of Campazas.
Finite-element methods for the solution of fluid mechanics problems which arise in the physics of wind instruments.
Jan. 1995 to Sep. 1996: Visiting scholar.
Heineken Institute, Cambridge, U.K.
I was involved in the research of reaction kinetics for the brewing of ales under different conditions of temperature and pressure.
Jan. 1993 to Dec. 1994: Research assistant.
National Science Museum, Athens, Greece.

PUBLICATIONS LIST

- F. Negrande** and H. West (2005): “[Early necrosis in feline tissues: models and reanimation experiments.](#)” *J. of Necrology* **87**(13), pp. 666–777.
- F. Negrande** and K. Rajo (1998): “[Eddy formation in didgeridoos.](#)” *J. Acoustic Soc. Austr.* **234**(4), pp. 1044–1051.
- K. Rajo, **F. Negrande** and C. O. Jones (1997): “[On some singularities of the equation of vorticity.](#)” *SIAM J. of Analytical Mech.* **13**(12), pp. 1–4.
- U. R. Sick and **F. Negrande** (1996): “[Trapezoidal chambers for stout fermentation.](#)” *Proc. of the VIII International Conference on Pressurized Reactions*, Erice, Italy.

RESEARCH GRANTS

Nathaniel Derby Pickman Foundation Young Investigator Award: *Neural network modeling of tissue damage*, \$500,000 (2005–2010), PI. Collaborative proposal with H. West (Miskatonic University).

REU supplement: \$8,000 (Summer 2006).

TEACHING EXPERIENCE

1996/1997: demonstration and supervision of Solid State Physics module at the University of Campazas.

AWARDS

Sep. 1994 to Sep. 1995: British Overseas Research Students' (ORS) award.

COMPUTER SYSTEMS

▷ Unix, Linux, Solaris

▷ VMS

▷ MacOS

OTHER COMPUTER SKILLS

▷ Text processors and presentation packages: L^AT_EX, Adobe Persuasion.

▷ Programming languages: C, Perl, Java.

▷ Scientific computation packages: Matlab, Mathematica, Maple.

REFERENCES

Herbert West, MD
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