

Abstracts to the 2008-2010 Conferences of the Society for Chaos Theory in Psychology & Life Sciences

SCTPLS is an international forum that brings together researchers, theoreticians, and practitioners interested in applying nonlinear dynamical systems theory concepts of attractors, bifurcations, chaos, fractals, catastrophes, self-organization, neural networks, cellular automata, agent-based modeling, and related ideas to substantive problems found in psychology and the life and social sciences. Its members hail from numerous specialties within psychology, biology, neuroscience, physiology and medicine, economics, management, sociology, political science, education, engineering, and the humanities. They live and work in more than 30 countries.

The SCTPLS Annual International Conferences offer a unique intellectual and social atmosphere that stimulates dialog with symposia, roundtables, single paper presentations, prominent guests in nonlinear science, and educational workshops. Presentations may be theoretical, applied, empirical, or methodological. The forum is based on the principle that the development of nonlinear science is best served by the cross-fertilization of ideas from all the contributing disciplines. The abstracts to the 18th through 20th SCTPLS Annual International Conferences have been re-edited and prepared for free downloading from

www.societyforchaostheory.org/conferences.html.

Calls for papers and related details for participation in SCTPLS conferences can be reached from the same web page. The cover images from the abstract documents for the 2008-2010 conferences appear in Figs. 1 through 3. The abstracts and citations to the conference presentations are included in the *PsycEXTRA* database published by the American Psychological Association. The SCTPLS Publications Committee intends to continue preparing new abstract documents soon after each conference transpires. Many of the contributions to the conferences evolved into *NDPLS* articles, articles for other journals, or other works by the authors.

SCTPLS also sponsors the International Nonlinear Science Conference series which, to date, have taken its members to Vienna, Heraklion, Tokyo and Palermo to discover new vistas in nonlinear science wherever they might be located. The abstracts to the 4th INSC have been prepared for free downloading from the same web address above. The cover image to the document appears in Fig. 4. The abstracts are also included in the *PsycEXTRA* data base. We encourage the *NDPLS* readers to present their latest research at one of our extraordinary events.

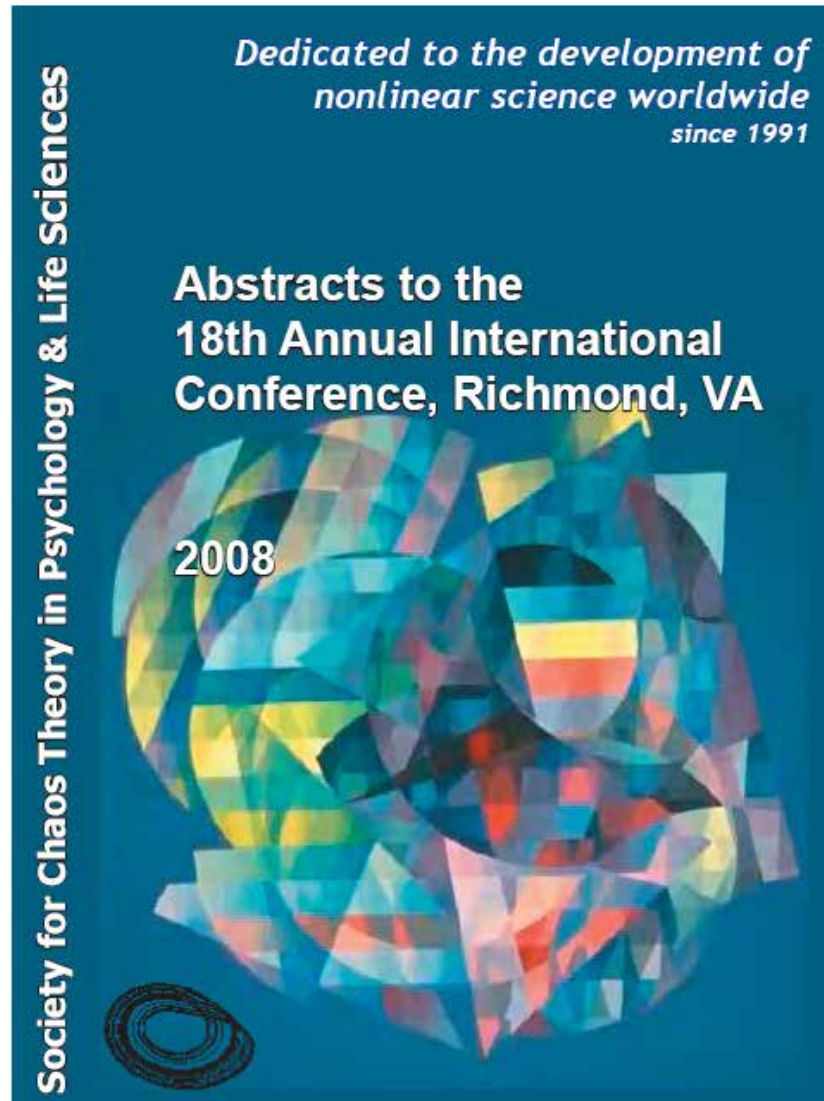


Fig. 1. Cover page to the 2008 abstracts. Cover graphic "Magic Periodicity" by Attilio Taverna, used by permission.



Fig. 2. Cover page to the 2009 abstracts. Fractal graphic by J. C. Sprott, used by permission.



Fig. 3. Cover page to the 2010 abstracts. Time lapse photograph by Kevin J. Dooley, used by permission.

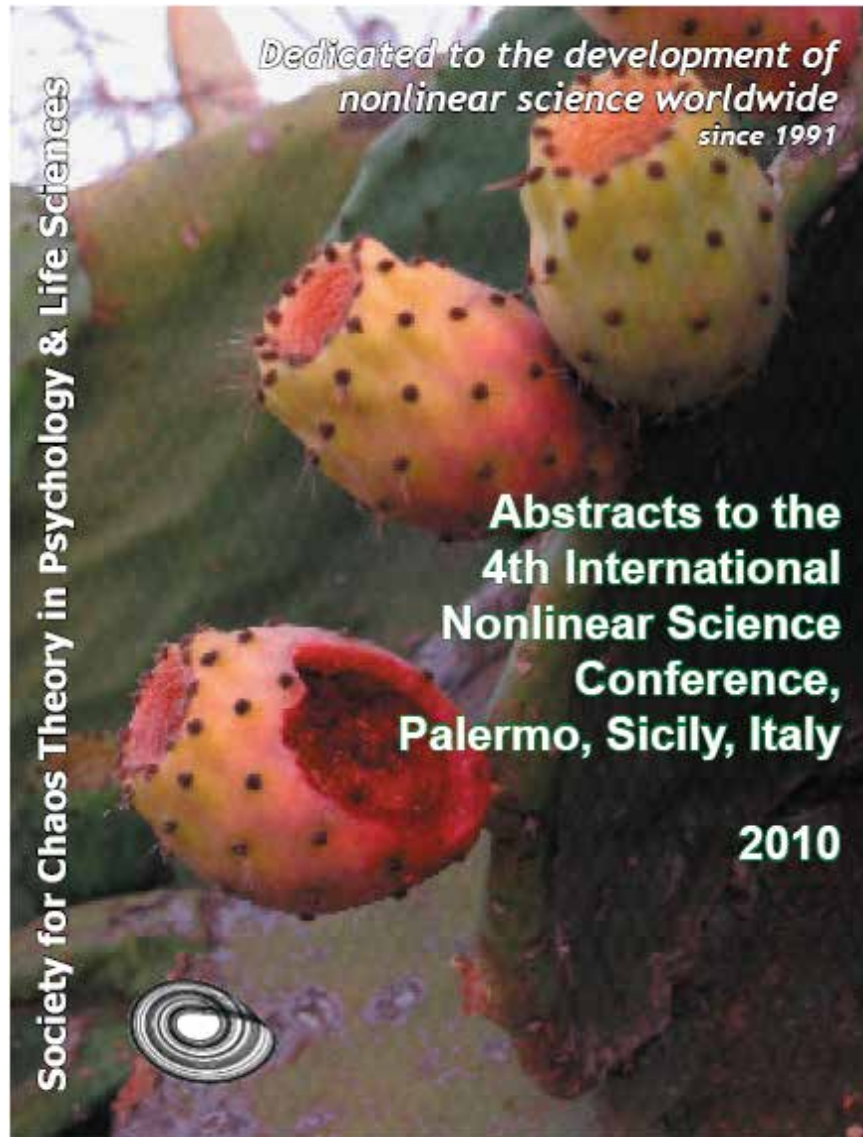


Fig. 4. Cover page to the 2010 INSC abstracts. Cover photograph by Paola Valenza used by permission.