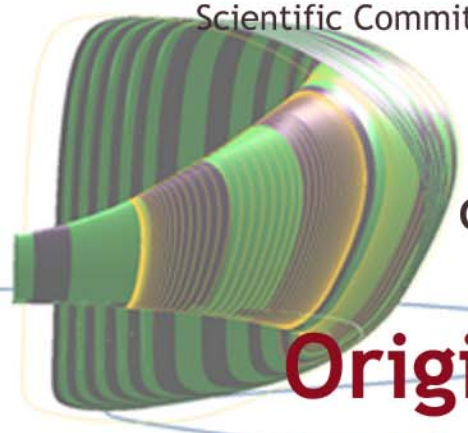
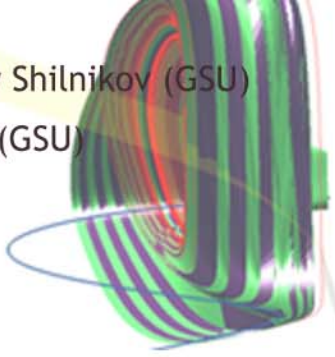
Organizers: Ronald Calabrese (Emory), Gennady Cymbalyuk and Andrey Shilnikov (GSU)

Scientific Committee: Igor Belykh, Donald Edwards, Paul Katz (GSU)





Georgia State University, Atlanta
April 7-8, 2006

Origin and Regulation of Bursting Activity in Neurons

Keynote Speakers

Bard Ermentrout (Pittsburgh) **John Guckenheimer (Cornell)**
Eve Marder (Brandeis) **Nino Ramirez (Chicago)**
John Rinzel (NYU) **David Terman (Ohio State)**

Speakers: M.Bazhenov (Salk), J.Best (OSU), I.Belykh (GSU), R.Butera (Gatech), C.Canavier (UNO), G.de Vries (U Alberta), J.Golowasch (NJIT/Rutgers), G.Cymbalyuk (GSU), D.Jaeger (Emory), P.Katz (GSU), V.Matveev (NJIT), G.Medvedev (Drexel), F.Nadim (NJIT), A.Neiman (Ohio), T.Nowotny (UCSD), A.Olypher (Emory), M.Pernarowski (Montana), A.Prinz (Emory), N.Rulkov (UCSD), I.Rybak (Drexel), A.Shilnikov (GSU), J.Smith (NIH), A.Szücs (Balaton Research Ins & INS, San Diego), J.Tabak (FSU).

The meeting is intended to discuss bifurcation routes to bursting activity, mechanisms of its regulation and synchronization. We would like to gather researchers from variuos fields of neuroscience, mathematics and physics interested in the origin of bursting patterns and the control of their characteristics.

Registration fee, $130 for faculty and $50 for Postdoc, will include breakfast and lunch. The fee is waived for students.

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http://www.mathstat.gsu.edu/~meetings

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