

Title	First Name (Corr. Author)	Last Name (Corr. Author)	Email
On the Functional Role of Noise Correlations in the Nervous System	Stefan D.	Wilke	swilke@physik.uni-bremen.de
Morphometric Modeling of Olfactory Neurons in the Insect Brain	Giampaolo	D'Alessandro	G.D'Alessandro@maths.soton.ac.uk
Rank Order Decoding of Temporal Parallel Fibre Input Patterns in a Complex Purkinje Cell Model	Volker	Steuber	volker@bbf.uia.ac.be
A model of hippocampal circuitry mediating goal-driven navigation in a familiar environment	Anatoli	Gorchetchnikov	anatoli@cns.bu.edu
Short-term plasticity shapes normal and Parkinsonian activity patterns in the globus pallidus	Dieter	Jaeger	djaeger@emory.edu
A NEW MODEL FOR Ca ⁺² WAVES IN ASTROCYTES: GLUTAMATE INDUCED GLUTAMATE RELEASE	Raima	Larter	larter@chem.iupui.edu
A General Framework for Neurobiological Modeling: An Application to the Vestibular System	Chris	Eliasmith	eliasmith@uwaterloo.ca
Mechanistic Modeling of the Retinogeniculate Circuit in Cat	Hans E.	Plessner	hans.plessner@itf.nlh.no
The Role of Muscle Spindles in Constraining Motor Control - A Simulation Study	Bjorn G.	Nielsen	bjorn.nielsen@fysik.dtu.dk
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Dynamic routing of action potentials	Adam	Kepecs	kepecs@brandeis.edu
Dynamic adaptation to statistics in a neural code	Adrienne	Fairhall	adrienne@research.nj.nec.com
The structural basis of information transfer from medial temporal lobe to prefrontal cortex in the macaque monkey	Rolf	Kotter	rk@hirn.uni-duesseldorf.de
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Spike pattern-based coding schemes in the cricket cercal sensory system	Alexander G.	Dimitrov	alex@cns.montana.edu
LARGE-SCALE MODELS OF THE LOCOMOTOR SPINAL NETWORK OF LAMPREY	Alexander	Kozlov	akozlov@nada.kth.se

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Nonlinear Dynamics and Motion In Human Face Image Space	Amir H.	Assadi	ahassadi@facstaff.wisc.edu
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SIMULATION OF A VERTEBRATE RECEPTOR CELL OF THE OLFACTORY EPITHELIUM FOR USE IN NETWORK MODELS	Fábio M.	Simões-de-Souza	fabioms@neuron.ffclrp.usp.br

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Encoding spatial stimulus topology in the temporal domain	Reto	Wyss	rwyss@ini.unizh.ch
Spike Train Analysis for Single Trial Data	Richard	Romero	rickr+@cmu.edu
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NONLINEAR ANALYSIS OF SPATIO-TEMPORAL RECEPTIVE FIELDS: II. DYNAMIC PROPERTIES OF V1 SIMPLE CELLS	Thomas	Wennekers	Thomas.Wennekers@mis.mpg.de
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Synchronizing assemblies perform magnitude-invariant pattern detection	R.D.	Henkel	henkel@physik.uni-bremen.de
Application of Empirical Mode Decomposition and Hilbert-Transformation to Multisite Neuronal Data	Ulrich G.	Hofmann	hofmann@isip.mu-luebeck.de
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A NEW MODEL FOR Ca ²⁺ WAVES IN ASTROCYTES: GLUTAMATE INDUCED GLUTAMATE RELEASE	Melissa	Glendening	mglenden@chem.iupui.edu
A model of hippocampal circuitry mediating goal-driven navigation in a familiar environment	Anatoli	Gorchetnikov	anatoli@cns.bu.edu
UTILITY THEORY AND NEURAL NETWORK MODELING OF COST-BENEFIT DECISION-MAKING IN A PREDATORY FORAGING MARINE SNAIL	L.S.	Yafremava	liudmila@spine.npa.uiuc.edu
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MULTI-DIRECTIONAL REPRESENTATION OF SPATIAL WORKING MEMORY IN A MODEL PREFRONTAL CORTICAL CIRCUIT	Shoji	Tanaka	tanaka-s@sophia.ac.jp
CIRCUIT SIMULATION OF MEMORY FIELD MODULATION BY DOPAMINE D1 RECEPTOR ACTIVATION	Kouki	Yamashita	kooki-y@sophia.ac.jp
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Predictive Learning in Rate-Coded neuronal Networks	Bernd	Porr	bp1@cn.stir.ac.uk
An Alternate Burst Analysis for Detecting Intraburst Firings Based on Interburst Period	David C.	Tam	dtam@unt.edu
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Software engineering tools and approaches for neuroinformatics: the design and implementation of the NeuroScholar Knowledge Base Management system.	Gully A. P. C.	Burns	gully@usc.edu
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Toward statistically valid population decoding models	Péter	András	peter.andras@ncl.ac.uk
Development of joint ocular dominance and orientation selectivity maps in a correlation-based neural network model	Remus	Osan	remus@phyast.pitt.edu
The Effect of Correlation on Population Decoding	Si	Wu	s.wu@dc.shef.ac.uk
A Hierarchical Network Model for Depth Segregation	Stella X	Yu	fxingyu@cs.cmu.edu
Edges and Lines minimally mask width discrimination of Rectangles	T.	Kumar	Kumart@socrates.berkeley.edu
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UTILITY THEORY AND NEURAL NETWORK MODELING OF COST-BENEFIT DECISION-MAKING IN A PREDATORY FORAGING MARINE SNAIL	L.S.	Yafremava	liudmila@spine.npa.uiuc.edu
Noise and the response of Hodgkin-Huxley-type neurons	Alix	Herrmann	alix.herrmann@ep.ch
Optimal wiring principle and plateaus in the degree of separation for cortical neurons	Jan	Karbowski	jkarb@euler.math.pitt.edu