Workshop on Computational and Theoretical Biology – 24 April, 1999

Paper Number	Last name	First name	Email address	Title of Presentation
A1	Tempelman	Robert J.	tempelma@pilot.msu.edu	Generalized Linear Mixed Models for Genetic Evaluation of Livestock
A2	Chiu	Chichia	chiu@math.msu.edu	Numerical Methods for Pattern Formation Problems in Biology
A3	D'Silva	Sydney	dsilva@pa.msu.edu	How Honey Bees Make Decisions
A4	Dazzo	Frank B.	dazzo@pilot.msu.edu	CMEIAS: A Tool for Computational Microbial Ecology
A5	Gage	Stuart H.	gages@pilot.msu.edu	Computational Ecology and Visualization Technologies
A6	Garrity	George	garrity@pilot.msu.edu	Markup of Microbiological Data for Accelerated Publication in Print and Electronic Form
A7	Getty	Tom	getty@kbs.msu.edu	Models of Signaling, Search, Discrimination and Selection
A8	Lenski	Richard E.	lenski@pilot.msu.edu	Genomic Complexity in Micro Organisms and Digital Organisms
B1	Billinge	Simon J.L.	billinge@pa.msu.edu	Local Structure of Folded Proteins
B2	Cole	James R.	colej@pilot.msu.edu	The Ribosomal Database Project: Providing an Evolutionary Framework
B3	Li	Tien Yien	li@math.msu.edu	Solving Polynomial Systems
B4	Ferguson-Miller	Shelagh	fergus20@pilot.msu.edu	How Proteins Get Together and Electrons Get Transferred: Mutational, Spectroscopic, Kinetic and Computational Analysis of Cytochrome c Docking with Cytochrome c Oxidase
B5	Goodman	Jay I.	goodman3@pilot.msu.edu	Altered DNA Methylation: An Epigenetic Mechanism Involved in Carcinogenesis
B6	Goodman	Erik	goodman@egr.msu.edu	Evolutionary Algorithms for Biological Science
B7	Hunt	Katharine L.C.	klch@tpauli.cem.msu.edu	Optical Trapping of Biomolecules
B8	Kron	Michael	kron@pilot.msu.edu	Structure Based Design of Aminoacyl-tRNA Synthetase Inhibitors as Anti-parasitic Drugs
C1	Bauer	Wolfgang	bauer@nscl.msu.edu	Cancer Detection via Determination of Fractal Cell Dimension
C2	Bernard	Andre	bernard@egr.msu.edu	Image-Based Analysis of Heat Transfer in Biological Systems
C3	LePage	Raoul	entropy@msu.edu	Outline of Research Statistics Component
C4	Deller	John (Jack)	deller@egr.msu.edu	BioSignal Processing Activities in MSU's Department of Electrical and Computer Engineering
C5	Duta	Nicolae	dutanico@cse.msu.edu	Learning Biological Shape Models
C6	Harrison	Michael J.	harrison@pa.msu.edu	The Role of Thermally Excited Eardrum Pressure: Fluctuations in Establishing Primate Auditory Thresholds
C7	Hubbard	Robert	hubbard@egr.msu.edu	Biomechanical Models for Seating Design
C8	Salam	Fathi	salam@egr.msu.edu	Bio-Engineering: An Integrated Systems Approach
D1	Kuhn	Leslie	kuhn@sol.bch.msu.edu	How Proteins Fold, Flex and Bind Other Molecules
D2	Mahanti	S. D.	mahanti@pa.msu.edu	Simulation on Coarse-Grained Models of Amphiphiles
D3	Pramanik	Sakti	pramanik@cse.msu.edu	Computational Challenges for Discovering Homologies Between Genome Sequences
D4	Punch	William	punch@cse.msu.edu	Self-Assembly, Folding and Unfolding of Polymers
D5	Thorpe	Michael F.	thorpe@pa.msu.edu	Protein Flexibility
D6	Torng	Eric	torng@cse.msu.edu	Incremental Update of Phylogenetic Trees Using Hierarchical Modeling
D7	White	Joseph	whitejo@pilot.msu.edu	Bioinformatics for the Seed EST Functional Genomics Project
D8	Preiss	Jack	preiss@pilot.msu.edu	Previous Funding Support for Computational Biology from the REF Center of Protein Structure, Function and Design
E1	Trosko	James E.	trosko@pilot.msu.edu	Gene Regulation in Pluripotent Human Stem Cells
E2	Wang	C. Y.	cywang@mth.msu.edu	Simulation of Biological Growth
E3	Zacharewski	Tim	tzachare@pilot.msu.edu	Toxicogenomics
E4	Miklavcic	Milan	milan@math.msu.edu	Stability for Discrete Velocity Models of the Extended Boltzmann Equation
E5	Dykman	Mark	dykman@pa.msu.edu	Selective Control of Diffusion in Biological Systems
E6	Hartmann	William M.	hartmann@pa.msu.edu	Perceptually Relevant Models of Neural Excitation in the Auditory System

F1	Liu	Jianguo (Jack)	jliu@perm3.fw.msu.edu	Systems Modeling Laboratory: An Integrated Approach to Landscape and Biodiversity Study
F2	Hyndman	David W.	hyndman@pilot.msu.edu	Integrating Social Drivers and Environmental Impacts Using a Geographic Information System: The Land Transformation Modeling Project
F3	Saama	Peter M.	saama@pilot.msu.edu	Mixed Model Inference in the Analysis of cDNA Array Data
F4	Lilburn	Tim	lilburn@pilot.msu.edu	The Calculation of Large Phylogenetic Trees
F5	Scribner	Kim	scribne3@pilot.msu.edu	Novel Applications of Molecular Genetic Markers and Population Genetic Theory in Population Ecology and Resource Management
F6	Worden	Mark	worden@egr.msu.edu	Role of Microbial Chemotaxis in Bioremediation and Microbial Ecology
	Leroi	George E.	geleroi@pilot.msu.edu	
	Wong	P.K.	pkwong@pilot.msu.edu	
	Wojcik	Anthony S.	wojcik@cps.msu.edu	