

(C) Project Description

a. List of Participants

Director: Predrag Cvitanović, Glen Robinson Chair in Nonlinear Sciences, School of Physics (COS)

Assistant Director: Raenell Soller, Ph.D.

Executive Committee:

Leonid A. Bunimovich, Regents' Professor, School of Mathematics (COS)

Kurt Wiesenfeld, Professor, School of Physics (COS)

Jeannette Yen, Deputy Dir. for COS, Professor, School of Biology (COS)

P.K. Yeung, Deputy Dir. for COE, Associate Professor, School of Aerospace Engineering (COE)

Faculty:

Y.H. Chen, Associate Professor, School of Mechanical Engineering (COE)

E. DiLorenzo, Associate Professor, School of Earth and Atmospheric Sciences (COS)

R.F. Fox, Regents' Professor, Chair of School of Physics (COS)

G. Goldsztein, Assistant Professor, School of Mathematics (COS)

R. Grigoriev, Assistant Professor, School of Physics (COS)

E.M. Harrell, Professor, School of Mathematics (COS)

R. Hernandez, Co-director CCMST, Associate Professor, School of Chemistry (COS)

C.A. Klausmeier, Assistant Professor, School of Biology (COS)

K.E. Kurtis, Assistant Professor, School of Environmental and Civil Engineering (COE)

P.J. Mucha, Assistant Professor, School of Mathematics (COS)

G.P. Neitzel, Professor, School of Mechanical Engineering (COE)

T.J. Pedley, G.I.Taylor Professor of Fluid Dynamics, University of Cambridge

E. Riedo, Assistant Professor, School of Physics (COS)

M.F. Schatz, Associate Professor, School of Physics (COS)

L.A. Smith, Reader in Statistics, London School of Economics, Adjunct Prof. EAS (COS)

M. Srinivasarao, Associate Professor, School of Polymer, Textile and Fiber Engineering (COE)

L. Ting, Assistant Professor, Georgia Tech/Emory Biomedical Engineering Department (COE)

T. Uzer, Regents' Professor, Physics (COS)

E. Voit, Georgia Research Alliance Eminent Scholar in Systems Biology, BME (COE)

D.R. Webster, Associate Professor, School of Civil & Environmental Engineering (COE)

M. Yoda, Associate Professor, School of Mechanical Engineering (COE)

H.M. Zhou, Assistant Professor, School of Mathematics (COS)

Key to abbreviations used throughout the proposal:

AE	School of Aerospace Engineering
Bio	School of Biology
BME	Georgia Tech/Emory Biomedical Engineering Department
CCMST	Center for Computational Molecular Science & Technology
CDSNS	Center for Dynamical Systems & Nonlinear Studies
CE	School of Civil & Environmental Engineering
Chem	School of Chemistry and Biochemistry
CNS	Center for Nonlinear Science
COE	College of Engineering
COS	College of Sciences
EAS	School of Earth and Atmospheric Sciences
GT	Georgia Institute of Technology
Math	School of Mathematics
ME	School of Mechanical Engineering
Phys	School of Physics
PTFE	School of Polymer, Textile and Fiber Engineering