Conference of Computational Interdisciplinary Sciences (CCIS)

PHOTOS

Presentations

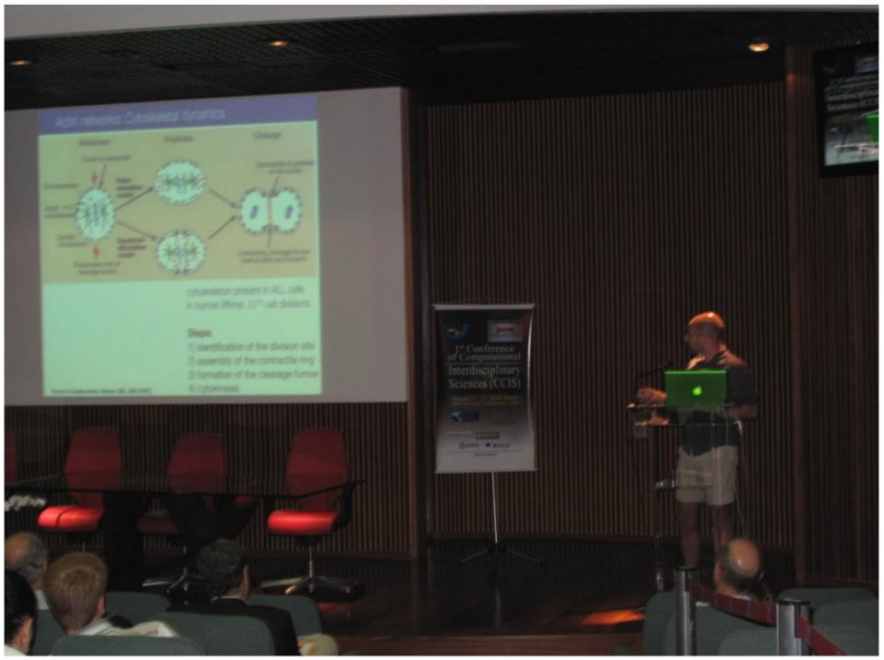
PLEASE, NO DRINKS
AND FOOD INSIDE
THE AUDITORIUM

Need to:
-monitor the course of experimental procedures;

Loop level parallelism

Langevin's Equation

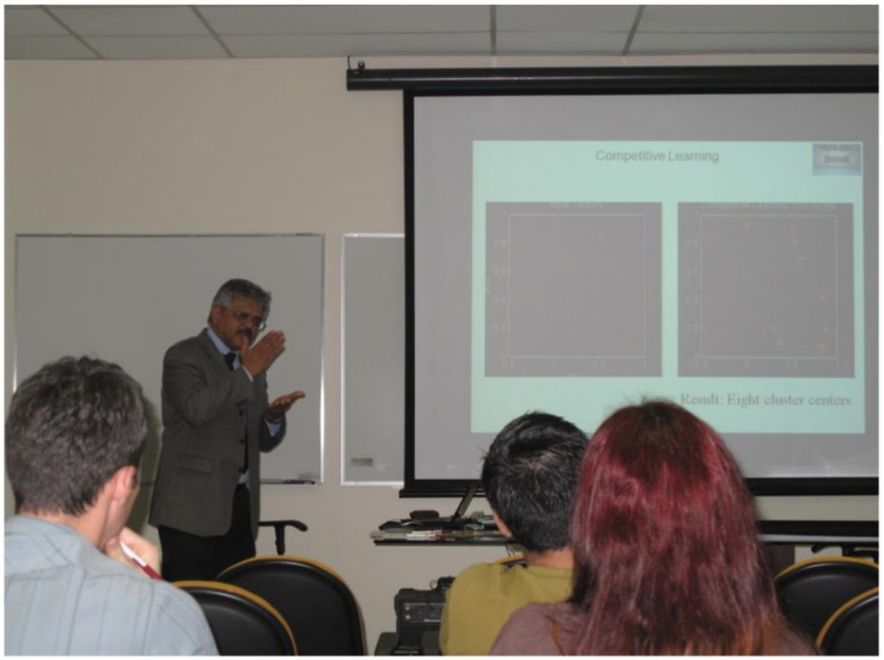
burst-induced instability


Actin networks: Cytoskeletal dynamics
Steps:
1) identification of the division site
2) assembly of the contractile ring
3) formation of the cleavage furrow
4) cytokinesis

Controlling Complexity
Elbert E. N. Macau

Conference
Computational
Interdisciplinary
Sciences (CCIS)

Krylov Space Iterative Solution Methods
Conference
Computational
Interdisciplinary
Sciences (CCIS)


Competitive Learning
Result: Eight cluster centers

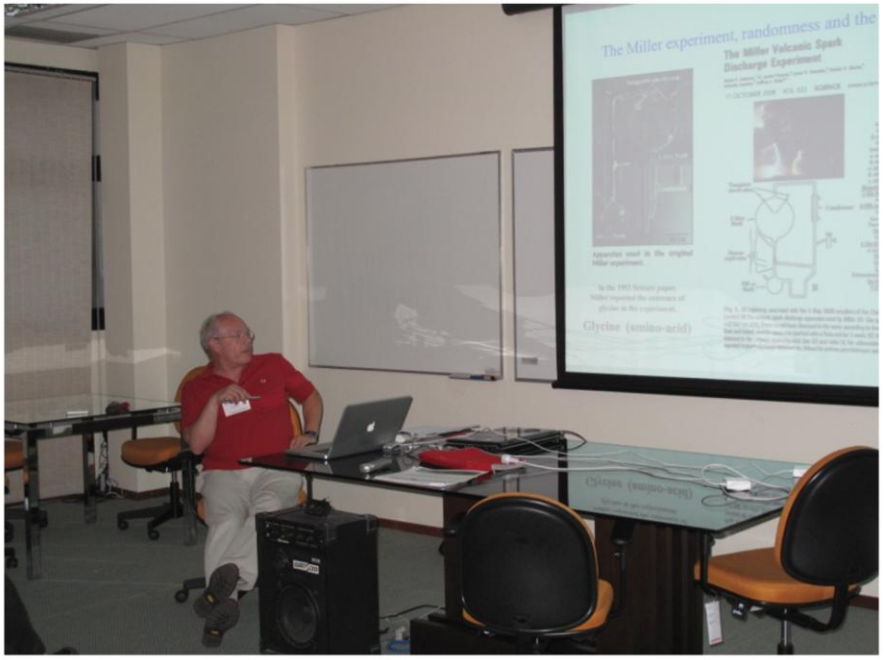
Empirical Data Analysis
Software Prototype
Gerson Francisco
Instituto de Física Teórica, UNESP – São Paulo

Some notation
P is a problem space,
O is a solution space.
C ⊂ P × O is a set of solved cases.
1st Conference of Computational Interdisciplinary Sciences (CCIS)

1st Conference CCIS - INPE
Description and Main Objective
The numerical simulation to calculate the problem of the turbulent convection with non uniform wall temperature in a square cross-section duct.
The methodology of the dimensionless energy equation, was used to calculate the fluid temperature field in the square cross-section in function of the non uniform wall temperature.
1st Conference of Computational Interdisciplinary Sciences (CCIS)

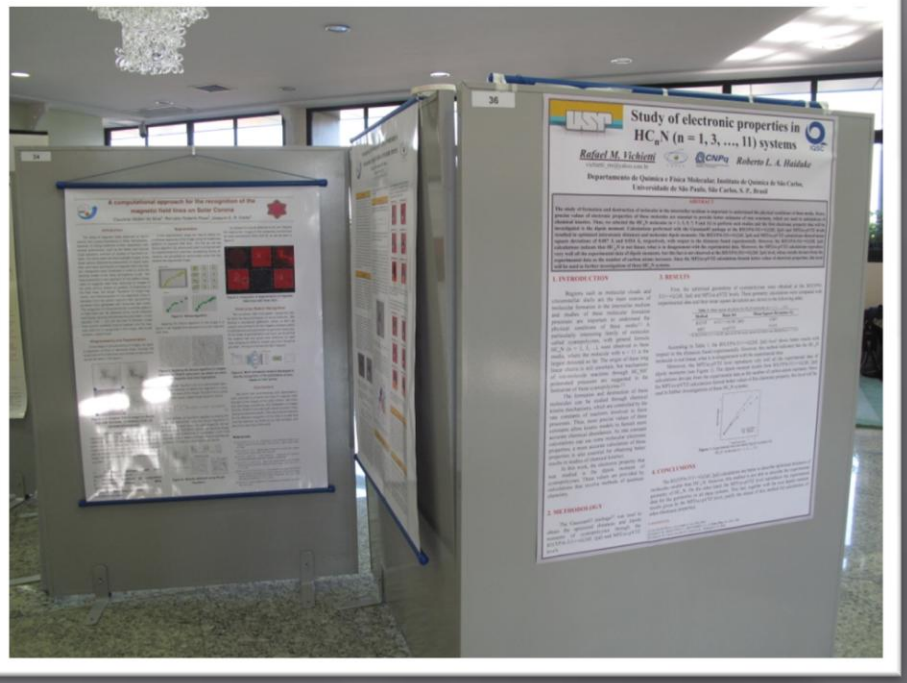
Magnetogram Analysis using Wavelet Decomposition
Odim Mendes Jr., DGE/INPE
Margarete O. Domingues, LAC/INPE
Brazilian Institute for Space Research
26 de agosto de 2010

Multiresolution Analysis


The Miller experiment, randomness and the
The Miller Volcanic Spark Discharge Experiment
Glycine (amino-acid)

Posters

STAF: ADMINISTRATION AND FINANCES TRAINING SYSTEM


Study of electronic properties in HC$_n$N (n = 1, 3, ..., 11) systems
Rafael M. Vichietti
Roberto L. A. Haiduke
Departamento de Química e Física Molecular, Instituto de Química de São Carlos, Universidade de São Paulo, São Carlos, S. P., Brasil
CNPq

The Virtual Laboratory for Advanced Data Analysis
STAF : ADMINISTRATION AND FINANCES TRAINING SYSTEM

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The Virtual Laboratory for Advanced Data

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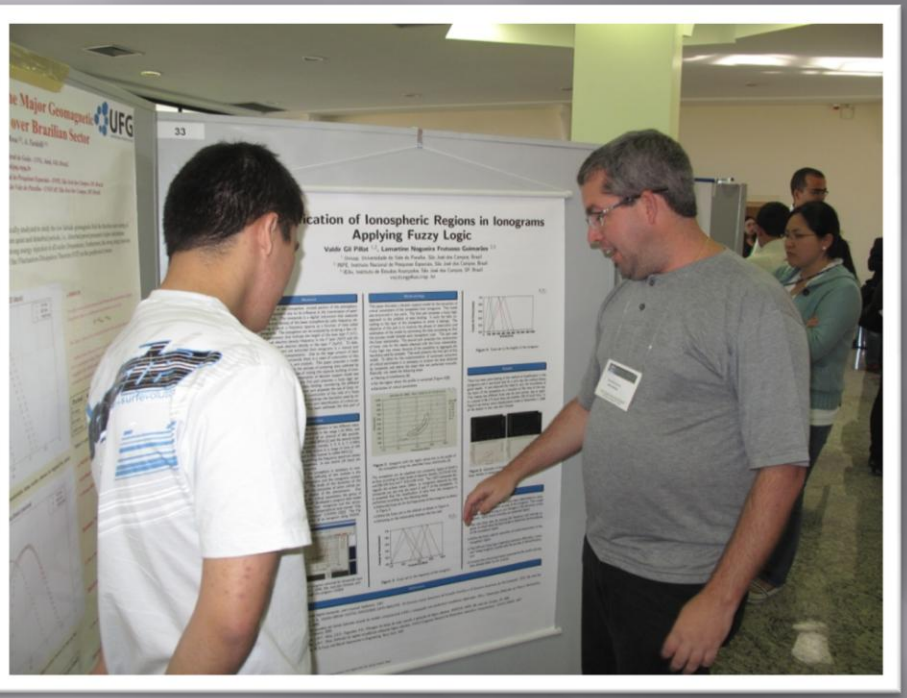
38
Environment for Turbulent Dynamics in Cosmology
formation
JAPESP

22
23
COMPUTAÇÃO APLICADA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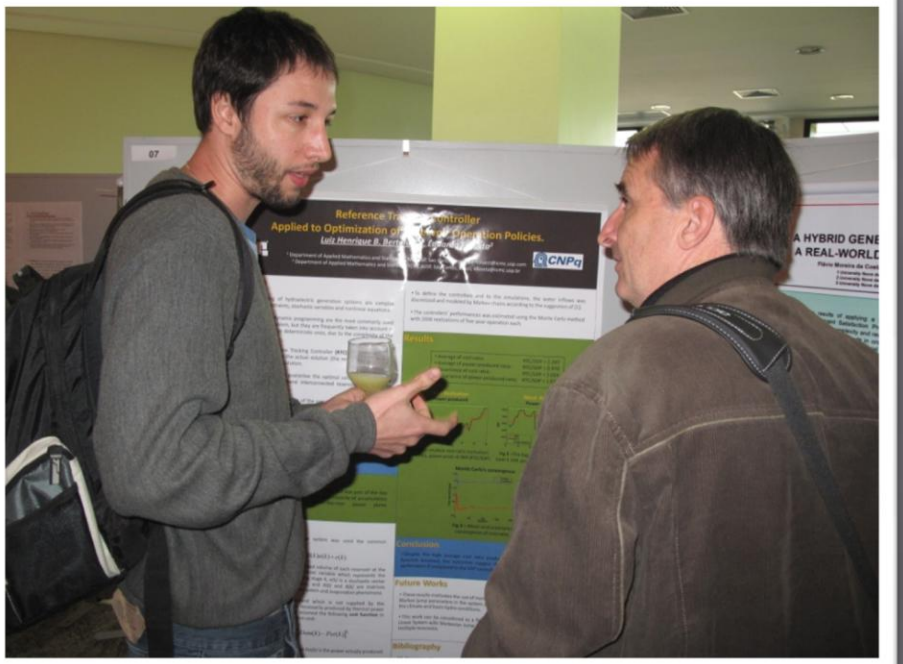
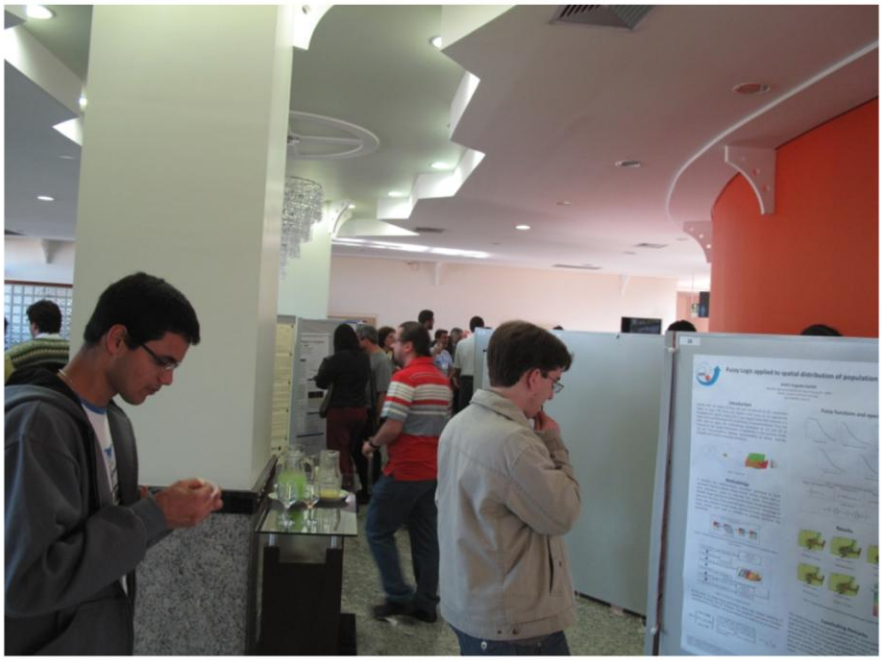
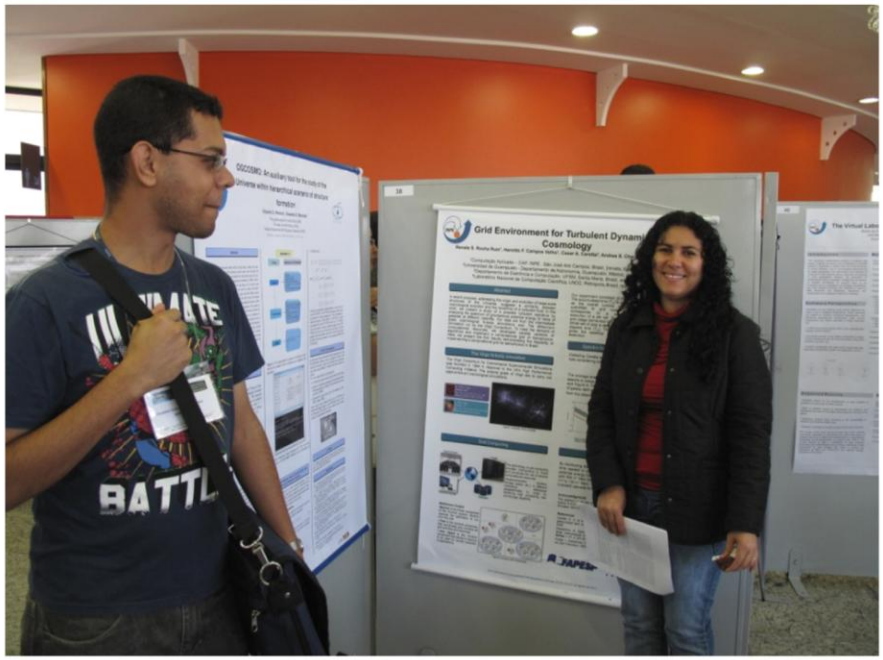
Applying Fuzzy Logic

06
Using Generalized Extrem
Optimization (GEO) to
parameters of a cardi
model


07
Applied to Optimization
CNPq

09




Grid Environment for Turbulent Dynamics in
Cosmology

SSIAN BASIS SET

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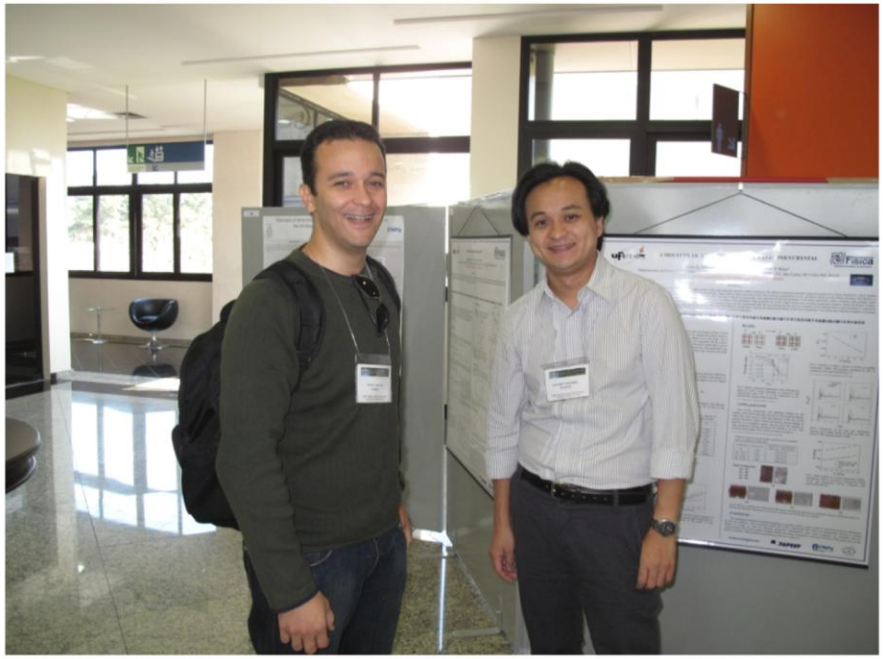

Coffee Break and Cocktail

Springer