



2005 NCTS September Workshop **on** **Critical Phenomena and Complex Systems**

Time: 2005/09/09(Fri) ~ 2005/09/10(Sat)

Place: R224, Ta-Yi Building, Chinese Culture University
(中國文化大學，大義館，224室)

Speakers:

Dr. Nan-Yow Chen(陳南佑), Academia Sinica, TAIWAN

Effective Potentials for Folding Proteins with Both Alpha and Beta Structures

Prof. Cheng, Szu-Cheng(程思誠), Chinese Culture University, TAIWAN

Fractional advertising dynamics

Prof. Chung-I Chou(鄒忠毅), Chinese Culture University, TAIWAN

Applications of a New Optimization Algorithm on Protein Folding Problem

Prof. Chin-Kun Hu(胡進錕), Academia Sinica, TAIWAN

Scaling and Synchronization in Some Complex Systems

Prof. Hsin-Chien Huang(黃信健), Chinese Culture University

Parallel Computing Experiences and Results in Physics Department, CCU

Prof. Quanlin Jie(揭泉林), Wuhan University, Wuhan, CHINA

Semiclassical propagator: an alternative tool for first principle calculation

Prof. Zu-Li Liu(刘祖黎), Huazhong University of Science and Technology, Wuhan, CHINA

Studies on the transport characteristics of low temperature plasma

Dr. Wen-Johg Ma(馬文忠), Academia Sinica, TAIWAN

Ordering out of randomness - random matrix approach to cross correlations in complex systems

Prof. Suan Li Mai, Polish Academy of Sciences, POLAND

Finite Size Effects on Folding and Aggregation of Proteins

Dr. David B. Saakian, Yerevan Physics Institute, ARMENIA

Complexity, Information theory, Evolution

Prof. Bing-Hong Wang(汪秉宏), University of Science and Technology of China, Hefei, CHINA

Weighted Technology Networks Driven By Traffic Flow -Interplay Between Topology And Traffic Dynamics In Networks

Prof. Kai-Lun Yao(姚凱倫), Huazhong University of Science and Technology, Wuhan, CHINA

Theoretical Studies on Organic Ferromagnetic polymers



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