SuperCA ++
Hissar, 20-22 May 2011

20 May

17h   Arrival
18-20h   Dr. Ilian Todorov
20h   Welcome party

21 May

9-9:10 ч. Opening
9:10 Prof. POPIVANOV, Nedyu, „Around the sonic barier"
9:30 Prof. MARGENOV, Svetozar
9:50 Prof. VAYSSILOV, Georgi
10:10 Prof. GANEV, Kostadin, "Modeling of Toxic Substances in the Atmosphe – Risk Analysis and Emergency Forecast"
10:30 Dr. Reiner Ribarics

11:10 coffee break

11:50 Mr. GADZHEV, Georgi, "ATMOSPHERIC COMPOSITION OF THE BALKAN REGION – SOME NUMERICAL EXPERIMENTS"
12:10 Dr. GEORGIEVA, Rayna, ‚"Monte Carlo Sensitivity Analysis of an Eulerian Large-scale Air Pollution Model"

free time

14:00 Mr. JORDANOV, Georgi,"Wind energy potential over Bulgaria-results from simulation"
14:20 Dr. PETKOV, Peicho, „Ribosome MD simulations"
14:40 Dr. IVANOVSKA, Sofiya, "Efficient implementation of algorithms on HPC systems for problems of financial mathematics"
15:00 Dr. ILIEV , Stanimir ; Mr. ILIEV, Dimitar ; Dr. PESHEVA, Nina, „Study of the effect of randomly placed micro defects on the wetting characteristics of surface"

15:20 coffee break

Parallel session I

16:00 Dr. SHTEREV, Kiril, „Computer Simulation of micro-gas flows in elements of Micro-Electro-Mechanical Systems (MEMS)"
16:20 Desislava Ivanov, „... „
16:40 Mr. MARINOV, Todor, Dr. MARINOVA, Maria,"SOFTWARE TECHNOLOGIES FOR CREATING PARALLEL PROGRAMS IN HETEROGENEOUS ARCHITECTURES"
17:00 Dr. OSTROMSKY, Tzvetan, "Parallel Computation of Sensitivity Analysis Data for the Danish Eulerian Model on the IBM BlueGene/P supercomputer"
17:20 Dr. PHILIPOV, Philip,"A   Parallel Architecture for Radix-2 Fast Hartley Transform/Real-valued Fast Fourier Transform"
17:40 Mr. VUTOV, Yavor,"Optimizing the Performance of a Parallel Unstructured Grid AMG Solver"

Parallel session II

16:00 – 18:00 Dr. Ilian Todorov

19:30 Official dinner

22 May

Departure