

# Outline

1. Experience at CLPP-BAS
2. Grid-related activities
3. BG Grid Consortium
4. Our involvement in EGEE

# Experience at CLPP-BAS

1. Monte Carlo methods
2. Parallel algorithms
3. Large-scale air pollution modelling
4. Networking
5. Linguistics, Signal Processing, etc.

# Grid-related activities

1. Founder of BG Grid Consortium
2. EGEE, SEE-Grid, SEEREN
3. ISP for the Bulgarian academic network - domains .bas and .acad

# BG Grid Consortium

1. Founders CLPP-BAS and INRNE-BAS
2. Joined by IMI-BAS, IMBM-BAS, Plovdiv University, Technical Univ-Plovdiv, American University in Blagoevgrad
3. Main purpose - sharing of resources and expertise in Grid
4. Material for a web-site was collected and will be available soon

# Our involvement in EGEE

1. Development and testing of Grid-enabled and Grid-oriented Monte Carlo and quasi-Monte Carlo methods
2. Establishment of a Resource Authority and Certification Authority at CLPP-BAS
3. Algorithms and methods used in High Energy Physics
4. Grid middleware deployment