



Workshop Scientific Report

Please do not repeat the program (unless there were last-minute changes) or the initial description - we already have this material.

Title

Dates

Location

Organizers

Scope of the workshop (maximum 200 words)

Describe the scientific area covered by your workshop (please avoid the use of acronyms where possible)

Main outcomes

What important questions did you plan to ask and answer during the workshop? Please use a short bullet for each question.

Following the workshop, what do you think the four most important scientific advances are required in your area over the next 3-4 years? List in order of importance.

What levels of computing power will be required to solve these problems? Score each problem: 1) desk top computing, 2) departmental machines, 3) national supercomputers, 4) Current European Supercomputers (PRACE resources) 5) Leading edge peta-flop or exa-flop machines.

Assuming sufficient administrative support to be in place, has the workshop identified research areas that might be funded by the EU 2020 programme? Please list any EU or other collaborative opportunities emerging as bullet points. (maximum 200 words)

In addition to the pure scientific importance of the areas discussed in your workshop, do you believe that progress in this field would be of interest to European Industry? Can you name any companies and contacts, which should be kept informed? (maximum 200 words)