Vote for BSC?s technology in the Innovation Radar Prize 2016

An innovation developed by Barcelona Supercomputing Center (BSC), a power-estimator for heterogeneous CPU architectures, has been shortlisted for the European Commission's (EC) Innovation Radar Prize 2016 in the Excellent Science category. This puts BSC among the top 10 Research and Innovation Actions of the ICT sub-programme for innovation potential.

Under the EC-funded project ParaDIME, BSC developed a software toolset that decides where it is energy efficient to execute applications in heterogeneous (CPU, GPU, FPGA) nodes. The main tool is based on machine learning, creating a dynamic power model of heterogeneous cores. This tool is leveraged to develop energy-efficient scheduling in heterogeneous nodes, which could be extended to data centres. The results allow applications to run a machine using 10% of the nodes with the same performance, reducing overall energy consumption by 50%.

Launched today, the competition aims to identify Europe's top future innovators and their innovations under the Innovation Radar 2016 programme. Over the month of August, visitors to the website will be able to vote for 40 nominees. The 16 finalists will get to pitch their plans for going to market to a jury of experts at

the ICT Proposers Day event in Bratislava on 26 September 2016.

Vote for BSC's technology here: https://ec.europa.eu/digital-single-market/en/innovators/barcelona-super-computing-innovation-radar

If you want to know more about this innovation, click here.

Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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