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Green-HPC by Grid Technology - Energy optimization of existing datacenters by intelligent use of Grid technology

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Innovative and intelligent use of current Grid technology enables datacenters to optimize their energy consumption by slightly modified scheduling policies. By scheduling workload respective to the application's energy-profile, spatial and temporal heat distribution is controlled. Without reducing the capabilities of the datacenter, this results in direct cost reductions as well as minimization of power related operational risk. A practical implementation plan and ROI calculation is presented.

Presenter: Mr SCHOTT, Bernhard (Platform Computing)

Session Classification: Business Track - Business Models and Grid Economics - SME Perspectives