Several research communities in Europe exploit e-Infrastructures, sharing data and computing resources with Grid and Supercomputing technology. However the inherent complexity of these technologies has limited their wider adoption and their long term sustainability: designing, developing and operating a computing infrastructure for an e-Science community remains challenging...
Because of its apparent strengths in providing access to distributed resources, and coordinating their activities towards an overall objective, Grid computing has considerable potential to contribute substantially to the competitiveness of both commercial and non-commercial organisations. At the time of the BREIN project launch, most current Grid solutions were still not able...