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A distributed approach for a regional grid operation centre

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Forschungszentrum Karlsruhe is one of the largest science and engineering research institutions in Europe. The resource centre GridKa as part of this science centre is building up a Tier 1 centre for the LHC project. Embedded in the European grid initiative EGEE, GridKa also manages the ROC (regional operation centre) for the German Swiss region. A ROC is responsible for regional coordination, organisation and support of the sustainable operations grid infrastructure in EGEE. A particularity of this specific ROC is its distributed organisational structure. The German Swiss operations community, currently consisting of 14 resource centres, is supported and organised by a team of 6 partners. On the one hand a consequence of this decentral approach is a larger effort for organisation and management. On the other hand grid knowledge and expertise is naturally spread among partners with various backgrounds. As a consequence grid technology is being developed and deployed with a wider usability over more use cases and science communities, then it would be in a central approach. Different aspects of this regional specific organisation structures as part of the global EGEE grid operations as well as roadmap for upcoming ROC services and tasks will be highlighted. The successful integration of grid tools for operations and support leads to a sustainable structure of the German Swiss region within a world wide grid community.

Submitted on behalf of Collaboration (ex, BaBar, ATLAS)

EGEE

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