

MANAGEMENT CONCEPTS AND STRATEGIES FOR THE CONSTRUCTION OF THE EUROPEAN XFEL

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Abstract

The European XFEL is a truly international accelerator project, as there are likely several more to come in the future. Many partners far-scattered even outside Europe will contribute to the project to a large extent collaboratively at all phases, i.e. to the conceptual design, engineering, fabrication, installation and exploitation. While the technologies are meanwhile basically mature, it is actually the extent of decentralisation, quite unusual for accelerator projects so far, which imposes now the highest demands on the management. Multitude and extent of managerial structures required for such large accelerator projects are easily underestimated in the early project stages. The European XFEL is very aware of those demands and risks and is consequently working hard to implement the necessary means. This talk will explain the project structures with their associated needs and present the management concepts and strategies, which have been developed to conquer the challenges. These concepts and strategies might be well be the ones for future accelerator projects.

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