

*G-CSC Kolloquium*

## **„Designing Numerical Software“**

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*Abstract:*

The complexity of numerical algorithms has increased constantly ever since people started using them. Correspondingly, the demands on numerical software has increased as well. This poses big challenges for the designers, developers, and maintainers of such software. As a result, nowadays general purpose software for the solution of pdes can only be developed by large teams. We discuss how such software can be developed in a distributed way, and the technical and organizational consequences of this approach.