

# High- and low-order finite element software for the future

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As scientific problems become larger, computational platforms become more diverse and the complexity of finite element software increases, it is essential to develop software in a sustainable way. The role of software design and the need to effectively manage the development process is therefore more important than ever before.

This minisymposium will discuss experiences of how high- and low-order FEM software can be designed, developed and maintained to achieve maximum performance while remaining robust, rigorously tested and able to grow and adapt with the changing needs of the research environment, improvements in the methods and the evolving hardware landscape.