

S10 Parallel computing

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Parallel computing is crucial in performing analyzes using numerical methods. The results obtained using multicore CPU, clusters, supercomputers, GPU-based systems are in the interests range of the thematic session. The session is devoted to the application of parallel computing in mechanics on atomic, micro and macro scales. The papers describing parallel benchmark results in FEM, CFD, BEM, MD and meshless method, results obtained using parallel approach and describing parallel algorithms are welcomed.