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# High performance computing

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To execute demanding scientific calculations, students and employees of the Charles University can use up-to-date computing centres (MetaCentrum NGI, CERIT-SC, and a Joint Super Computing Centre of the Czech Technical University, Czech Institute of Chemical Technology, and the Charles University):

- [MetaCentrum NGI](#) – national grid infrastructure, activities of the CESNET association,
- [Shared Super Computing Centre of the Czech Technical University, Czech Institute of Chemical Technology, and the Charles University.](#)
- [CERIT SC](#) – computing and backup centre of the national e-infrastructure.

Applications and information about ways of acquiring a user account are found on pages of the individual centres.