

Postdoctoral Researcher in Numerical Linear Algebra and
HPC for ERC-funded inEXASCALE project
Charles University

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Posted Jun. 6, 2024, set to expire Oct. 6, 2024

Job Title	Postdoctoral Researcher in Numerical Linear Algebra and HPC for ERC-funded inEXASCALE project
Department	Faculty of Mathematics and Physics https://www.mff.cuni.cz/cs/math/knm
Institution	Charles University Praha, , Czech Republic
Date Posted	Jun. 6, 2024
Application Deadline	Jul. 12, 2024
Position Start Date	Sep. 2, 2024
Job Categories	Post-Doc
Academic Field(s)	Mathematics/Applied Mathematics Mathematics/Applied Mathematics Computer/Information Sciences Computer/Information Sciences
Job Website	https://www.karlin.mff.cuni.cz/~carson/inexascale
Apply By Email	carson@karlin.mff.cuni.cz
Job Description	

Postdoctoral Researcher in Numerical Linear Algebra for ERC-funded inEXASCALE project

The Faculty of Mathematics and Physics at Charles University invites applicants for a postdoctoral researcher position in numerical linear algebra and high-performance computing.

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The position is funded by the ERC in the framework of the ERC Starting Grant project inEXASCALE. Further details about the project can be found at the project [website](#).

The project will involve rigorous error analysis and algorithm development. The candidate should ideally have a PhD in computer science, mathematics, or a related field, with background in one or more of the following areas:

- numerical linear algebra
- Krylov subspace methods
- finite precision analysis
- randomized numerical linear algebra
- data science and machine learning
- parallel algorithms and high-performance computing

The initial appointment period is 1 year, with possibility of an extension. The desired start date is September 2024, although the **start date is negotiable**. By the start date the applicants must hold a PhD degree.

The position will remain open until filled, but for full consideration, **applications should be submitted by July 12, 2024**.

Interested candidates should submit the following documents to carson@karlin.mff.cuni.cz:

- Curriculum Vitae
- Cover Letter explaining motivation and interest
- List of publications
- Brief summary of PhD thesis (including pdf file of PhD thesis if available)

In addition, the candidate should arrange for two letters of recommendation to be sent directly to the same e-mail address before the deadline.

Questions regarding the application can be directed to:

Dr. Erin C. Carson

Department of Numerical Mathematics, Faculty of Mathematics and Physics, Charles University

Sokolovska 83, 18675 Prague

Email: carson@karlin.mff.cuni.cz

Homepage: <https://www.karlin.mff.cuni.cz/~carson>

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Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact Erin C. Carson
Faculty of Mathematics and Physics
Charles University MFF
Sokolovska 83
Prague 18675
Czech Republic

Phone Number 730591896

Contact E-mail carson@karlin.mff.cuni.cz