The chair for **Communication Systems and Systems Programming** at **Ludwig-Maximilian-University (LMU) Munich** is seeking a

PhD Candidate / Research Assistant (100% TV-L E13)

for work in context of the **SparCity** project funded by the German Ministry for Education and Research (BMBF) and the European Commission as part of the Euro-HPC Joint Undertaking.

Tasks
- Scientific research, along the lines of the goals of the SparCity project, where the focus is on **novel parallel programming systems** integrated with **light-weight monitoring and analysis** components in the context of **machine learning** involving computations with **sparse matrices**.
- Attend and contribute to national and international events (e.g., project meetings, scientific conferences).
- Interaction with and tutoring of graduate and undergraduate students at LMU Munich in the context of lectures, seminars, master and bachelor theses.

Requirements
- Masters degree in Computer Science or a related area (e.g., Applied Mathematics, Bioinformatics, etc.)
- Experience with systems-level programming, Linux/Unix operating systems, data structures, algorithms
- A background in HPC/parallel computing is desirable.

We offer a position in a competent team that is internationally connected and has access to computing resources of the highest performance category. The opening is for a full-time (100%) position with a duration that is linked to project funding (initially limited to 3 years, with the possibility of an extension). Remuneration is according to the German public-service salary level TV-L E13 (100%).

For further information, please feel free to contact Dr. Karl Fürlinger at Tel. +49-(0)89-2180-9172 or Karl.Fuerlinger@nm.ifi.lmu.de.

Please send your postal application using the keyword **"SparCity"** including a CV and a copy of your Bachelor and/or Master certificates to

> Prof. Dr. Dieter Kranzlmüller
> LMU München, Institut für Informatik
> Oettingenstr. 67.
> D-80538 Munich
> Germany

Alternatively, an application via email should be sent to **jobs@nm.ifi.lmu.de** as a single PDF file.

The application Deadline is May 31, 2021