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## Zuse Institute Berlin

The Zuse Institute Berlin is a research institute for applied mathematics and computer science. Our research and service is driven by the principle **Fast Algorithms - Fast Computers**: We provide solutions for complex problems in science, engineering, environment, and society - solutions that often require innovative approaches. In close cooperation with partners from science, economy, and society we develop mathematical models and efficient algorithms. For the users of our high-performance computers we provide specialized consulting services.



and many others.

The Berliner **Konrad Zuse**, inventor of the first freely programmable computer and namesake of our institution, was already well-known in his own time for putting innovative ideas into practice, and making these accessible to a wide user community. Today, our areas of expertise include applications in medicine, biotechnology, optimization of traffic and transport, logistics, electronics, telecommunication,