

SCoRe Group

Scalable Computing Research

Parallel and High Performance Computing Harnessing power of thousands of CPU cores to solve efficiently problems that world cares about

Big Data in Life Sciences Designing novel methods to unveil mysteries buried in massive DNA collections

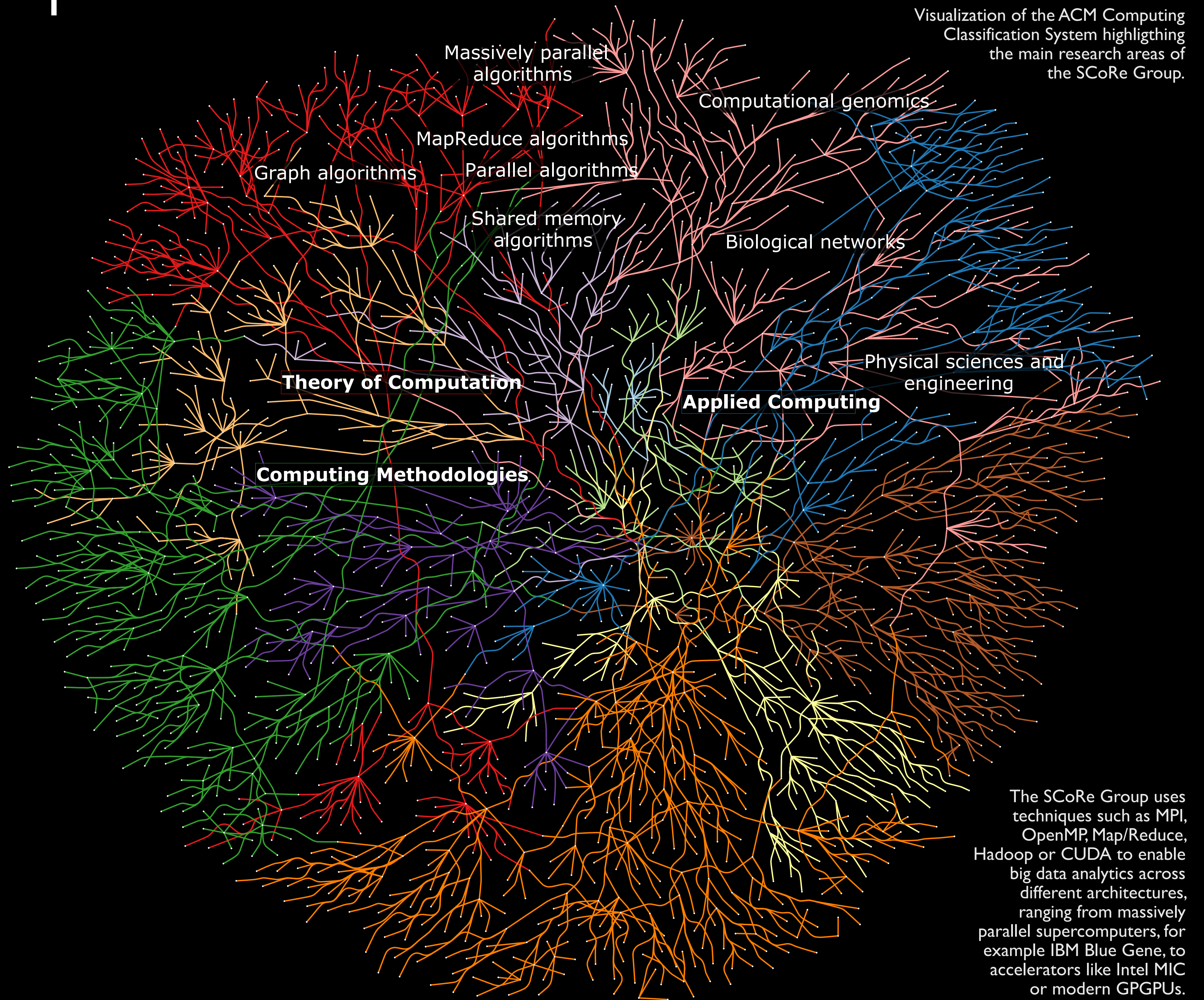
Data Driven Scientific Computing Developing new techniques to help engineers and scientists understand their data



The **SCoRe** Group is lead by Dr. Jaroslaw Zola, who has over ten years of professional experience developing algorithms and methods for solving compute intensive and data driven problems in life sciences and engineering. You can contact him at <http://www.jzola.org/>.

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The SCoRe Group uses techniques such as MPI, OpenMP, Map/Reduce, Hadoop or CUDA to enable big data analytics across different architectures, ranging from massively parallel supercomputers, for example IBM Blue Gene, to accelerators like Intel MIC or modern GPGPUs.

