

Symbolic Computation and Artificial Intelligence

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In this talk, we explain the notions "Symbolic Computation" and "Artificial Intelligence" and explain the interaction between the two areas.

Together, symbolic computation and artificial intelligence form a fascinating part of algorithmic mathematics with enormous potential in basic research and ground-breaking applications in science, technology, industry, and society.

We motivate students to dig deep into the foundation of SC and AI methods and, at the same time, to learn to interact and communicate with all branches of society. Digging deep is necessary for working on the more sophisticated levels of the field. Communicating with society is important for contributing to relevant applications.