SIAM SC seminar

once a month on Wednesday at 12:20
in the seminar room MUUK (3rd floor)

What is it? The seminar is suitable not just for graduate students but for everyone interested in regular meetings over problems in applied mathematics. Meet your colleagues once a month and find out what is new in the field.

Why to come? We are bringing a wide variety of topics while the talks are designed to be easy to understand by non-experts. The goal is to convey a basic orientation in various areas of applied mathematics.

Upcoming seminar: April 10 2019

Geometric numerical integration of Hamiltonian systems
Roman Košťál (University of Hagen)

A vast array of natural phenomena can be mathematically described by Hamilton's equations. As proven by H. Poincaré in 1899, the flow defined by these equations possesses the so-called symplectic invariant. This geometric invariant can also be preserved by a class of numerical schemes which then have many favorable properties. This short talk will present the main ideas and demonstrate them on a classical problem which stood at the dawn of modern science - to find the motion of two massive bodies interacting gravitationally.

You can also look forward to the discussion with SIAM chapter members.
Nonalcoholic drinks and pizza included!

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