

Joint NTZ-DFH/UFA Colloquium within Workshop CompPhys16

Am Freitag, dem 25.11.2016 um 16:15 Uhr spricht

Prof. Dr. Nobuyasu Ito
(The University of Tokyo, Japan)

über

Social simulation with exascale computer

Abstract:

Simulations of social phenomena have been becoming a challenging field of supercomputers now. Typical applications are, for example, traffic control, economic risk management, interception of disease propagation and disaster evacuation. Such simulation models usually have many parameters, and they show various phases and regimes. For example, when we make traffic simulation, each car has unique origin and destination, and available route is not unique in most case. Control of each traffic light introduces some parameters. Capacity computing with modern supercomputer help to tame such complex social models.

Ort: Hörsaal für Theoretische Physik, Linnéstraße 5
Alle Teilnehmer sind ab 15:30 Uhr zu Kaffee und Gebäck in die Aula eingeladen.