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Fakultät für Ingenieurwissenschaften, Informatik und Psychologie

Informatik-Fachvortrag

Donnerstag, den 4. Dezember 2025, 11:00 Uhr

Universität Ulm, Oberer Eselsberg

Gebäude O27, Raum 122

Herr Dr. Loïc Paulevé

Senior researcher at CNRS, LaBRI, Univ Bordeaux, France

spricht zum Thema

Synthesis of formal models of biological systems

The design of executable models that can mimic the behavior of cells and predict outcome of drug combinations is a high stake interdisciplinary challenge between biology, computer science, and engineering.

In this talk, I will present how we combined different fields of computer science such as the theory of dynamical systems, computational complexity, abstract interpretation, and logic programming to provide tractable methods for the synthesis of dynamical models of gene regulatory networks.

Es laden ein die Dozenten der Fakultät für Ingenieurwissenschaften, Informatik und Psychologie.

Ulm, den 18.11.2025

gez. Prof. Dr. Hans Kestler