



M.Sc. Bioinformatik Sören Totzauer

[Applied Systems Biology Now: Media Informatics, TU Chemnitz](#)

Main Research Areas

- **topic of the master thesis:** "Implementation of the diffusion equation by the matrix exponential approach in an agent-based framework"
- developing hybrid techniques of numerical approaches and agent-based modelling
- modelling of diffusion-dependent biological processes like chemotaxis and opsonisation
- development of statistical tools

Curriculum vitae

Professional Career

since 2012

Master student in bioinformatics at the Friedrich-

2009-2012

Schiller-University Jena
Research member at the Institute for Machine Tools
and Forming Technology at the University of
Technology Chemnitz

2009

Diploma in computer science at the Hochschule
Mittweida