



Lutz Brusch

Lutz is a research group leader at Technische Universität Dresden, Germany, and is heading the development of Morpheus (https://Morpheus.gitlab.io). Morpheus is a widely used open-source modeling and simulation framework for the study of multi-scale and multicellular systems, with a public model repository (https://Morpheus.gitlab.io/model). The team also develops modeling languages and concepts to facilitate collaborative modeling and standardized model exchange following the FAIR principles (https://MultiCellML.org). They co-develop the advanced parameter estimation software FitMultiCell (https://FitMultiCell.gitlab.io) and apply it in close collaborations with experimentalists to mechanistic models of spatio-temporal patterning processes in tissues for unraveling the underlying regulatory principles. Lutz did his PhD in physics at the Max Planck Institute for the Physics of Complex Systems in Dresden, Germany and, as a postdoc, worked at the Centre de Bioingénierie Gilbert Durand in Toulouse, France and the Riken Omics Science Center in Yokohama, Japan. He was awarded the Otto Hahn Medal by the Max Planck Society.

