HERBERT SAURO is Associate Professor in Bioengineering at the University of Washington, Seattle. Originally educated in the UK, he wrote one of the first biochemical simulators for the PC in the 1980s and made significant contributions to the early development of metabolic control analysis.In the 1990s he started two successful companies to develop simulation software for education and to provide consultancy to the finance industry in the UK. With the surge in interest in systems biology in the US in the late 1990s, he moved to the United States in 2000 to a position at Caltech to help in the development of the Systems Biology Markup Language. He now has a faculty position at the University of Washington where he has continued to lead the development of standards in synthetic biology, including reproducibility standards in systems biology. He has developed two well-known models of embryonic stem cell differentiation as well as models of P53 dynamics in relation to DNA damage. His group distributes and develops a Jupyter Notebook application that is specifically geared towards systems biology modeling called Tellurium as well as an innovative high-performance SBML simulator. He has received awards for excellence in teaching and a special commendation from the DARPA Information Processing Technology Office. He has coauthored over 200 papers, preprints, and technical notes as well as publishing four textbooks on modeling, enzyme kinetics, linear algebra and metabolic control analysis. His current interests include encouraging best practices in biomedical modeling and investigating new ways to create models that are dependable enough to be used in clinical settings.