



Formal Methods in Systems Biology: First International Workshop, Fmsb 2008, Cambridge, UK, June 4-5, 2008, Proceedings

By -

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0.4in. This volume contains the proceedings of the first international meeting on Formal Methods in Systems Biology, held at Microsoft Research, Cambridge, UK, June 4-5, 2008. While there are several venues that cover computational methods in systems biology, there is to date no single conference that brings together the application of the range of formal methods in biology. Therefore, convening such a meeting could prove extremely productive. The purpose of this meeting was to identify techniques for the specification, development and verification of biological models.

It also focused on the design of tools to execute and analyze biological models in ways that can significantly advance our understanding of biological systems. As a forum for this discussion we invited key scientists in the area of formal methods to this unique meeting. Although this was a one-off meeting, we are exploring the possibility of this forming the first of what might become an annual conference. Presentations at the meeting were by invitation only; future meetings are expected to operate on a submission and review basis. The Steering Committee and additional referees reviewed the invited papers. Each submission was evaluated by at least two referees. The volume includes nine invited contributions. Formal Methods in Systems Biology 2008 was made possible by the cont-

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