



# Spiking Neuron Models: Single Neurons, Populations, Plasticity

By Wulfram Gerstner, Werner M. Kistler

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### **Editorial Review**

#### Review

'The treatment undoubtedly holds pointers to future developments that will allow robots to come closer to their biological prototypes.' Journal of Robotica

#### About the Author

Wulfram Gerstner is Director of the Laboratory of Computational Neuroscience and a Professor of Life Sciences and Computer Science at the Ecole Polytechnique Federale de Lausanne (EPFL) in Switzerland. He studied physics in Tübingen and Munich and holds a PhD from the Technical University of Munich. His research in computational neuroscience concentrates on models of spiking neurons and synaptic plasticity. He teaches computational neuroscience to physicists, computer scientists, mathematicians, and life scientists. He is a co-author of *Spiking Neuron Models* (Cambridge, 2002).

Werner M. Kistler received a Master's and PhD in physics from the Technical University of Munich. He previously worked as Assistant Professor in Rotterdam for computational neuroscience and he is the co-author of *Spiking Neuron Models* (Cambridge, 2002). He is now working in Munich as a patent attorney. His scientific contributions are related to spiking neuron models, synaptic plasticity, and network models of the cerebellum and the inferior olive.

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