A Bibliography of Spiking Neural P Systems

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What follows is a bibliography of spiking neural P systems (SN P systems, for short), at the level of April 2009. This bibliography is included in the present volume having in mind the fact that this research area attracted much interest in the few years since it was initiated, so that it might be useful to the reader to have a comprehensive list of titles at hand, as complete as we were able to compile it. Of course, most of this information can also be found in the membrane computing website, at `http://ppage.psystems.eu`, with a comprehensive survey also provided by the chapter devoted to SN P systems in the *Handbook of Membrane Computing* (Gh. Păun, G. Rozenberg, A. Salomaa, eds.), Oxford University Press, 2009. The list which follows also includes the papers on SN P systems present in the present volume (with the indication "in the present volume"); the papers from the previous proceedings volumes of the Brainstorming Week on Membrane Computing are given with indications of the form "BWMC2007" with the obvious meaning, then specifying the pages. The three brainstorming volumes cited in this way are:

1. M.A. Gutiérrez-Naranjo, et al., eds.: *Fourth Brainstorming Week on Membrane Computing*, Sevilla, January 30-February 3, 2006, vol. I and II, Fenix Editora, Sevilla, 2006.
2. M.A. Gutiérrez-Naranjo, et al., eds.: *Fiftth Brainstorming Week on Membrane Computing*, Sevilla, January 29-February 2, 2007, Fenix Editora, Sevilla, 2007.
3. D. Diaz-Pernil, et al., eds.: *Sixth Brainstorming Week on Membrane Computing*, Sevilla, February 4-8, 2008, Fenix Editora, Sevilla, 2008.

For some of the papers it is indicated only the year, this meaning that the information we had when compiling the list was that the paper was still unpublished.

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4. M. Cavaliere, E. Egecioglu, O.H. Ibarra, M. Ionescu, Gh. Păun, S. Woodworth: Asynchronous spiking neural P systems; decidability and undecidability. *Proc. DNA13*, LNCS 4848, Springer, 2007.

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12. H. Chen, T.-O. Ishdorj, Gh. Păun: Computing along the axon. *BWMC2006*, vol. I, 225–240, and *Pre-proceedings BIC-TA*, Wuhan, 2006, 60-70, and *Progress in Natural Science*, 17, 4 (2007), 418–423.

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17. R. Freund, M. Oswald: Regular ω-languages defined by extended spiking neural P systems. *Fundamenta Informaticae*, 83, 1-2 (2008), 65–73.
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