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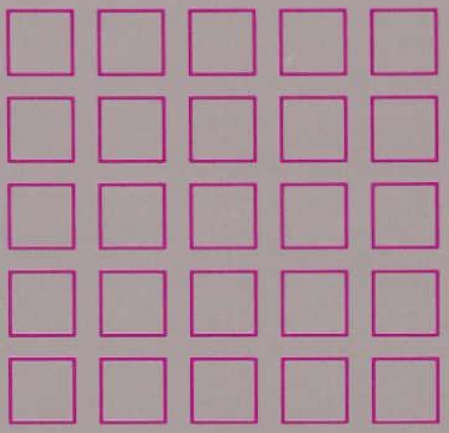

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Editorial

'Neurocomputing' 50th volume anniversary

In several ways the 50th volume anniversary of this extraordinarily successful publication recalls in me half a century (50 years) of work, even though we only started in 1989 while I was Senior Research Scientist at the German Aerospace Research Establishment, leading space missions and neural network research in cooperation with some of the most powerful R&D thinktanks. Certainly, expressiveness, growth, excitement, topics, and community substantially contribute to this feeling. It makes me very proud and happy to have had the vision at that time to start *Neurocomputing* with a respectable number of world-renowned friends and collaborators and have served since the very beginning as Editor-in-Chief.

Allow me to provide our audience and contributors with a feeling of the power of our current R&D work. In these months, several world-leading researchers within our community are leading efforts, several times in cooperation with me directly, which generate publications in *Neurocomputing* with special emphasis in areas as wide and focused as evolutionary neural systems, independent component analysis and blind source separation, neural pattern recognition, computational neuroscience, support vector machines, neural signal and image processing, bioinformatics, spiking neural systems, brain imaging, and engineering applications, to mention just a few.

The year 2003 will remain significant in several ways, certainly for hosting the 50th anniversary of *Neurocomputing*. I am happy to share with you that through an intensive interaction world-wide, I am delighted and excited to be an integral part and co-initiating what I would consider a new generation of intelligent systems which in many ways rely on research evolving from our common efforts and will be the basis for future applications on earth and beyond. The success and continuous growth of *Neurocomputing* would have been impossible without the effective and heavy work of our Editorial Board and team of referees, who I would like to mention with special thanks. To our community of readers I can only state with confidence: Stay tuned and become more involved in one of the most significant achievements of mankind in this century.

V. David Sánchez A., Ph.D.
Neurocomputing
Editor-in-Chief