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Preface

The proceedings of the 14th Italian Workshop on Neural Nets WIRN VIETRI 2003 are collected in this volume. The workshop, held in Vietri sul Mare (SA) June 4–7, 2003 was jointly organized by the International Institute for Advanced Scientific Studies “Eduardo R. Caianiello” (IIASS) and the Società Italiana Reti Neuroniche (SIREN). The volume covers up-to-date topics on neural nets and related fields. It contains invited review papers and selected original contributions presented in either oral or poster sessions by both Italian and non-Italian researchers. The contributions have been assembled, for reading convenience, into four sections: Models, Architectures and Algorithms, Image and Signal Processing, and Applications, plus two special sessions. The latter gives a fresh perspective in the fields of “Bioinformatics and Statistics” and “Formats Knowledge: Words, Images, Narratives”, sharing the technical languages of the involved disciplines. The editors would like to thank the invited speakers and all the contributors whose highly qualified papers contributed towards the success of the workshop. Finally, special thanks go to the referees for their accurate work.

June 2003

Bruno Apolloni
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