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**Special Issue on Selected Papers from the
8th International Symposium on
Graph Drawing, GD'00**

Guest Editor's Foreword

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It is becoming a nice tradition and add-on to the *Symposium on Graph Drawing* to invite a selection of papers to be included in a special issue of *Journal of Graph Algorithms and Applications*. After a more theory-oriented special issue for GD'99, I decided to emphasize application-oriented papers.

A highlight of GD'00 was the simultaneous submission of three independent papers about spring embedder methods for large graphs. Two of them are included here: a detailed report by Harel and Koren, describing the basis of their multiscale method, and an article by Gajer and Kobourov about the system and the experiments that they conduct to show the effectiveness of their algorithm.

Two other papers on related topics in this issue are those by Bridgeman and Tamassia and by Purchase, who derive quality measures and the evaluation of quality measures for different types of drawings. This topic is related to information visualization.

Further, two papers on drawing algorithms for specific applications are included in this issue. The first paper, by Tollis et al., deals with the drawing of state chart diagrams using floorplanning methods from VLSI, while the second paper, by Carmignani et al., describes HERMES, a tool for the visualization of web structures. Their method is based on extension of bend-minimization algorithms for orthogonal drawings.

Finally, Friedrich presents a nice methodology that describes how one can avoid occlusion and more general confusion when morphing structures from one drawing into another (animation).

This special issue indicates in a way the diversity of the graph drawing field: the emphasis here lies on practicability and applicability, and less on algorithmics. Only the first two papers contain new algorithms, the other papers contain either extensions of existing methods or no algorithmics at all.