Preface

These are the proceedings of the second symposium on Generative and Component-Based Software Engineering that was held in Erfurt, Germany, on October 9–12, 2000, as part of the Net.Object Days conference. The GCSE symposium was born in 1999 at the Smalltalk and Java in Industry and Education Conference (STJA), the precursor to the Net.Object Days conference. The GCSE symposium grew out of a special track on generative programming that was organized by the working group "Generative and Component-Based Software Engineering" of the "Gesellschaft für Informatik" FG 2.1.9 at STJA in the two years 1997 and 1998. The GCSE symposium covers a wide range of related topics from domain analysis, software system family engineering, and software product lines, to extendible compilers and active libraries.

The second GCSE symposium attracted 29 submissions from all over the world. This impressive number demonstrates the international interest in generative programming and related fields. After a careful review by the program committee, 12 papers were selected for presentation. We are very grateful to the members of the program committee, all of them renowned experts, for their dedication in preparing thorough reviews of the submissions.

Special thanks go to Elke Pulvermüller, Andreas Speck, Kai Böllert, Detlef Streitferdt, and Dirk Heuzeroth, who continued the tradition from GCSE'99 and organized a special conference event, the Young Researchers Workshop (YRW). This workshop provided a unique opportunity for young scientists and Ph.D. students to present their ideas and visions of generative programming and related topics and to receive thorough critique and feedback from senior experts in the field.

We are also indebted to the keynote speakers and tutorial presenters, Paul Bassett, Doug Smith, and Michel Tilman, for their contribution to GCSE 2000. Fortunately, we have papers from two of the three keynote speakers for these proceedings. Unfortunately, there is no paper for the keynote talk on *"Software Development by Refinement"* given by Doug Smith of the Kestrel Institute. Finally, we wish to thank all who put in their efforts and helped to make this symposium happen, especially the authors and the Net.Object Days organizers.

We hope you will enjoy reading the GCSE 2000 contributions, and invite you to contribute to future symposiums.

October 2000   Greg Butler
                                                                      Stan Jarzabek

Organization

GCSE 2000 was co-hosted with Net.Object Days 2000 and organized by the Working Group "Generative and Component-Based Software Engineering" of the German "Gesellschaft für Informatik".

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