

Preface

Rūsiņš Mārtiņš Freivalds has played a key role in the development of theoretical computer science in Latvia. While also being recognised internationally and taking an active part in the computer scientists' community, he managed to make a major contribution to the formation of the Latvian school of computer science.

In order to pay tribute to Freivalds' scientific legacy and honour a beloved colleague, teacher, and Professor his fellow academics at the Computer Science Department of the University of Latvia, as well as some of his close Finnish, German, Japanese, and other international collaborators have contributed to this BJMC volume containing scientific papers and essays sharing personal memories of Freivalds.

This volume begins with Professor Freivalds' academic genealogy and publications. The essay section reveals a profound sense of Freivalds' responsibility for the future of computer science. The recollections of his lifelong scientific contributions also serve as testimony of the man's inner freedom, and spiritual strength living under a totalitarian rule for half of his scientific career. This is followed by a section devoted to research papers which cover a broad spectrum of topics ranging from mathematics and theoretical computer science to applications in bioinformatics, linguistics and software engineering.

Each article was reviewed by two peers. We wish to thank them all for their efforts that helped to improve the scientific quality of this volume.

Juris Borzovs, Rīga
Kazuo Iwama, Kyoto
Solvita Zariņa, Rīga