

Co-Editors'-in-Chief Preface

Welcome to the first volume of the Baltic Journal of Modern Computing! The BJMC is a peer reviewed international scholarly open access electronic quarterly journal. The journal aims at providing a platform for established and emerging scholars and academicians globally for sharing their professional and academic knowledge in the fields of computer science, software engineering, information technology, information systems, computer engineering, computing didactics and related disciplines. Being open access electronic journal, BJMC aims to engage a large audience of readers worldwide by reporting on current and vital topics in its subject disciplines. BJMC solicits original and unpublished works of different types – completed research, book and literature reviews, surveys, and high quality technical notes from experts in the field – which help deepen and broaden the readers understanding of the state-of-the-art of modern computing. Although the journal concentrates mainly on research directions active in the Baltic countries, submissions are welcome from across all streams related to modern computing and related disciplines.

The first issue of the BJMC is a jointly published no. 1 and no. 2 of the volume 1. It contains seven research papers from different fields of computing.

Artis Mednis reports on implementation of participatory sensing approach in mobile vehicle based sensor networks. Laura Ringiene and Gintautas Dzemyda present multidimensional data visualization based on the exponential correlation function. Kestutis Normantas and Olegas Vasilecas provide a systematic review of methods for business knowledge extraction from existing software systems. Arnis Lektauers, Andrejs Romanovs, and Yuri Merkurjev propose conceptual framework of integrated technologies for remote sensing and monitoring of natural-tehnological systems. Diana Kalibatiene, Olegas Vasilecas, and Ruta Dubauskaite explore consistency in different information system models. Mikus Vanags, Arturs Licis, and Janis Justs elaborate on strongly typed metadata access in object oriented programming languages. Alina Vasilieva gives new insights in modern direction - quantum query algorithms.

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Co-Editors-in-Chief
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