Preface

The appeareance, development and success of computational tools and processes have brought about innovation in manifold topics of science and technology worldwide. Science and technology advances to fulfil mankind needs, have lately been triggered by innovation and development in computing science. The accelerated development pace of computing research has impinged on the increasing variety of topics on computational science.

This special issue of *Research in Computing Science* is titled Technological Trends in Computing. It contains 12 articles that were selected and based on a rigorous review process conducted by members of our Editorial Board. It is noteworthy that the content of this issue is a comprehensive set of results related to research projects and technological development. In this volume we present scientific contributions on topics of interest to the community involved in computing, engineering and related areas.

The intention of this issue is to be a compendium that comprises three main sections. The first one focuses on advances in Computational Intelligence; the second one, presents remarkable results related to Software Engineering and Computer Security; while the third includes Mechatronics and Parallel Processing contributions.

October, 2014

Juan Carlos Herrera Lozada
Mario Aldape Pérez