GUEST EDITORIAL PREFACE

Special Issue from the Luso-Brazilian Evolutionary Computation School (ELBCE) 2012, Part 1

Alexandre Cláudio Botazzo Delbem, Instituto de Ciências Matemáticas e de Computação (ICMC), Universidade de São Paulo (USP), São Carlos, Brazil

A group of Luso-Brazilian colleagues have promoted the organization of the Escola Luso-Brasileira de Computação Evolutiva (Luso-Brazilian Evolutionary Computation School). The first event took place in October 2009 at the Universidade Federal de Minas Gerais, the second school in June 2010 at the University of Minho in Guimarães, and the third school in April 2012 at the University of São Paulo in São Carlos. These events promote the debate on the field of evolutionary computation by Portuguese-speaking researchers and the interaction of the researchers with graduate students.

Students were invited to present their work in a poster session of the school. Seven articles, selected from thirty four papers presented at the school, encompass two special issues of the International Journal of Natural Computing Research. This first special issue consists of four papers related to Estimation of Distribution Algorithms, Multi-Objective Evolutionary Algorithms and Artificial Immune Systems. Special thanks are due to António Gaspar-Cunha and Ricardo Takahashi, organizers of this event.

Alexandre Cláudio Botazzo Delbem
Guest Editor
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