Preface: Special issue Go05

Inmaculada García · Eligius M. T. Hendrix

The workshop on Global Optimization 2005 was held in San José, Almería Spain, 18–22 September. The organising committee consisting of Emilio Carrizosa, Tibor Csendes, Inmaculada García, Eligius Hendrix and Panos Pardalos initiated the idea of the workshop at the MPS meeting in Kopenhagen. Inspired by the style of earlier workshops on GO in Sopron (1990), Szeged (1995) and Firenze (1999), the idea was to attract young researchers to be able to interact with experienced researchers in Global Optimization. The workshop was organised in single stream sessions, in order to give all participants the opportunity to enjoy each of the presentations, implying a limited number of participants. The number of accepted contributions was close to the maximum, such that the program of the workshop was filled completely. The outside and seawater temperature was tempting, but most of the time the participants spent in the local library lecture room that was provided by the municipality of Nijar. The presentations started early and ended late with a big lunch break having the possibility to do a Spanish siesta or swim to refresh the attention.

The participants were invited to submit their contribution to this special issue. A wide variety of papers focussing on as well applications as theory development were submitted. The usual referee process, where three experts per paper were invited as referee, lead to the final appearance of nine papers. We are grateful to the contribution of the referees. Typical in the conference was the accent on trajectory calculation and application in physics in the application area. Traditionally, emphasis was on the possibilities of applying meta-heuristics and interval techniques. Several contributions were due to mathematical analysis, where the paper on octagons is a representative of.

I. García
Universidad de Almería, Computer Architecture and Electronics,
Ctra. Sacramento de San Urbano, s/n. 04120 Almería, Spain

E. M. T. Hendrix (✉)
Wageningen Universiteit, Operations Research and Logistics,
Hollandseweg 1,6706 KN, Wageningen, The Netherlands
e-mail: eligius.hendrix@wur.nl

The workshop might not have been possible without the supporting help of many people and organisations. Among these, we would like to express our sincere thanks to the contribution of Ministerio de ciencia y tecnología Consejería de innovación, ciencia y empresa (Junta de Andalucía), Universidad de Almería and Ayuntamiento de Nijar.