

Preface

This is a special issue containing selected uncertainty-related papers presented at the annual workshops on computational sciences, computer science, and mathematics organized by the University of Texas at El Paso (UTEP) and the New Mexico State University (NMSU) under the sponsorship of the Computing Alliance of Hispanic-Serving Institutions (CAHSI) and the NSF-supported Center of Excellence for Sharing Resources to Advance Research and Education through Cyberinfrastructure (Cyber-ShARE), and at several related meetings.

These papers deal with different types of uncertainty:

- probabilistic (Lerma et al.),
- interval (McKee et al.),
- fuzzy (Barua et al., George et al., Nava, Shahbazova and Kosheleva),
- neural (Nava and Kreinovich).

Several papers deal with actual and potential applications:

- to data processing general (Ramirez et al., Servin et al., Zakharevich et al.),
- to education (Shahbazova and Kosheleva),
- to economics (McKee et al.),
- to foundations of physics and to physics education (Freudenthal et al., Tyagi and Kosheleva),
- to knowledge propagation (Lerma et al.),
- to systems testing (Zapata et al.).

Our most sincere thanks to all the authors, to the anonymous referees, and to all the participants of the workshops.

Martine Ceberio and Vladik Kreinovich
co-editors of the special issue