

Preface

This volume of Springer-Verlag series on *Studies in Fuzziness and Soft Computing* represents the proceedings of World Conference on Soft Computing, held from December 16–18, 2013 in San Antonio, Texas, USA. This conference was jointly dedicated to:

Professor **Lotfi A. Zadeh**, “Father of Fuzzy Logic” and creator of Soft Computing Methodologies, and to Mrs. **Fay Zadeh** for her life-long sacrifices and dedications to the causes of Lotfi Zadeh and his career.

We welcomed over 80 attendees from 18 nations (Australia, Azerbaijan, Belgium, Canada, Colombia, Finland, Hungary, India, Iran, Israel, Japan, Mexico, Poland, Russia, Spain, Turkey, Ukraine, USA) who contributed to this conference.

Eight keynote speakers presented recent advances in soft computing and cloud computing, as follows:

1) Prof. Ron Yager, Iona College, USA under the title of “Intelligent Aggregation Methods for Decision Making and Learning”.

2) Dr. Leila Meshkat, NASA/CALTECH JPL, USA under the title of “Uncertainty Management for NASA Space Mission”.

3) Prof. Saeid Nahavandi, Deakin University, Australia under the title of “Knowledge Management in Future Factories”.

4) Prof. Jerry Mendel, USC, USA, under the title of “General Type-2 Fuzzy Sets and Systems: Where Are We Now and Where Are We Heading?”

5) Mr. Eli Karpilovski, Millanox Corp., USA, under the title of “High Performance Cloud”.

6) Prof. Lotfi A. Zadeh, University of California at Berkeley, USA under the title of “Bayesianism versus Fuzzy Logic”.

7) Prof. Rafik Aiev, Oil Academy, Azerbaijan, under the title of “Combined States-Based Decision Theory with Z-restriction,”.

We wish to thank our co-editor Professor Janusz Kacprzyk of Polish Academy of Sciences, Springer-Verlag Series Editor of this volume for facilitating and recommending to print this volume. We wish to thank many members of the organizing and program committee who helped us with the conference. We specially thank

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We wish to thank all the authors for contributing to this volume.

October 15 2013

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**Synthesis and
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Galyna V. Kond*

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Mo Jamshidi · Vladik Kreinovich
Janusz Kacprzyk
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Advance Trends in Soft Computing

Proceedings of WCSC 2013,
December 16–18, San Antonio, Texas, USA

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