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Proceedings of the 7th Scientific Conference on Information Technologies for Intelligent Decision Making Support (ITIDS 2019)

The 7th Scientific Conference with International Participation “Information Technologies for Intelligent Decision Support” is organized by Ufa State Aviation Technical University, North Caucasus Federal University and Ugra Research Institute of Information Technologies in cooperation with Ministry of Education of the Republic of Bashkortostan and Bashkir Branch of the Scientific Council of the Russian Academy of Sciences on the Methodology of Artificial Intelligence. The topics of the conference include (but are not limited to) the following:

- system analysis and mathematical methods of decision making
- information systems and software for decision support
- decision making in complex systems
- decision making in socio-economic systems
- robots and robotic systems
- models and methods of estimating information security of objects
- biotechnologies and information systems in medicine

The conference aim at bringing together researchers from different areas, including Distributed Systems, Management of Data and Knowledge, Computer Control. These areas are heavily related nowadays. Agent technology, Peer-to-Peer Information management and ubiquitous computing are just examples of the strong interrelationship between these disciplines. The Conference organizers would be happy to provide a platform for cross disciplinary discussions in the framework of the announced topics.

132 manuscripts were submitted totally, and 58 submissions have been selected by our reviewers. These 58 articles are included into these proceedings.

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