



International Scientific and Technological Conference

«EXTREME ROBOTICS»

in the frame of XVIII International Forum «Russian Industrialist» and VII Saint-Petersburg International Innovation Forum

October 1–2, 2014

Russian State Scientific Center for Robotics and Technical Cybernetics

Tikhoretsky prospect 21,
Saint-Petersburg, Russia

SECOND ANNOUNCEMENT

Organizer of the Conference

- Russian State Scientific Center for Robotics and Technical Cybernetics (RTC), Saint-Petersburg, Russia

With support of

- Ministry of Education and Science of the Russian Federation
- EMERCOM of the Russia
- Ministry of Defense of the Russian Federation
- Russian Federal Space Agency
- RAS Department for Energy, Mechanics, Engineering Challenges and Processes of Control Problems
- SSC Association «Science»
- Government of Saint-Petersburg

Conference Registration

To participate in the Conference it is necessary to send completed Registration Form, paper and expert decision on the possibility of open-for-public edition to the **e-mail: mrspb@rtc.ru**

Financial conditions

For cost of participation and terms of payment, see <http://er.rtc.ru/>

Guidelines to materials

The paper (up to 5 pages) should be presented in electronic form as MSWord file via e-mail: mrspb@rtc.ru.

Page format – A4, margins (upper and lower): 1.8 cm; margins (left and right): 1.9 cm.

Text font: Times New Roman 11; position of paragraph tabs: 0.8 cm; line spacing: single.

Illustrations and diagrams should be inserted in text as objects and have a title. Diagrams should be performed in black and white.

Initials and last names of authors should be presented in center, font: bold italic; then after line spacing in 9 points: paper title in the center, font: upper case, bold; then after line spacing in 9 points: author's organization, city, e-mail, font: italic; then after line spacing in 9 points: main text of paper.

References in text should be performed by Arabic numerals in square brackets.

The list of references should be presented after main text, line spacing in 6 points, without title and indent.

Subjects of the Conference

- **Theory and techniques of robotics systems' design**
Design and modeling methods for robotic systems. Modular robots. Mechatronics in extreme robotics.
- **Robotics for risky environment**
Monitoring, inspection, technical operations. Accident and disaster mitigation. Space robotics. Marine robotics. Special mini- and micro- robotics.
- **Military and antiterrorist robotics**
Military, combat support and antiterrorist robotic systems. Reconnaissance; de-mining; guarding; rescue and transport operations.
- **Medical Robotics**
First-aid treatment. Assistance for handicapped persons and patients, their rehabilitation. Microrobots for examination and treatment of internal organs.
- **Standardization in robotics**
Current state of standardization in World and Russian robotics. Standardization of industrial robots. Standardization of service robots. Standardization of special purpose robots.

Conference official language

Russian; English

Key stages and dates

Submitting completed Form, paper	Registration	before June 16, 2014
Consideration of the application materials by the Program Committee; notification of participants about paper acceptance		before July 1, 2014
The Conference		October 1-2, 2014

Program Committee Chairman:

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