

**THE PLENARY SESSION PROGRAM FOR
28th INTERNATIONAL SCIENTIFIC AND TECHNOLOGICAL
CONFERENCE EXTREME ROBOTICS (ER-2017)**

NOVEMBER 2, 2017 (THURSDAY)

10:30 – 10:40	Conference opening	Conference-Hall, RTC, third floor
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Welcoming addresses for Conference participants:

*Director and Chief Designer of RTC, Doctor of Technical Sciences **Alexander Lopota***

*Head of the Interagency Task Force of the Military-Industrial Commission of the RF **Oleg Martyanov***

*Deputy head of Federal Agency for Technical Regulation and Metrology **Anton Shalaev***

*Vice-chairman of Committee on Industrial Policy and Innovations of Saint-Petersburg
Vadim Hrabrov*

*Acting as Chairman of Committee for Education and Higher School of Saint-Petersburg **Irina Ganus***

*Executive vice-president of the Union of Industrialists and Entrepreneurs of St. Petersburg
Eugeny Gorin*

*General Director JSC "NPO SM", corresponding member RAS **Mikhail Sil'nikov***

*Rector Academician of the Russian Academy of Sciences, Academician of the RAS **Sergey Bagnenko***

*Director General The FSBI NMRRC of the Ministry of Health of the Russian Federation,
Academician of the RAS **Andrey Kaprin***

*Rector of Moscow Technological University, Doctor of Technical Science **Stanislav Kudzh***

*Honorary Chief Designer of RTC, Doctor of Technical Sciences, Professor **Eugeny Yurevich***

10:40 – 12:30	Plenary Session	Conference-Hall, RTC, third floor
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Co-chairmen:

Oleg Martyanov

*Doctor of Technical Science, Professor **Eugeny Yurevich***

*Doctor of Technical Sciences **Alexander Lopota***

*Technical assistant: **Marina Burkina***

(Verbal presentation duration is up to 15 minutes. Answers to the questions - up to 5 minutes)

1. ***Alexander V. Lopota** (Doctor of Technical Sciences Director and Chief Designer of RTC, Saint-Petersburg) The main directions of service robotics development*
2. ***Yuriy V. Vizilter** (Doctor of Physical and Mathematical Sciences Senior Research Scientist of MAI, Moscow) Computer sight and machine learning for robotics*
3. ***Alexey Ev. Semenov** (Geoskan group of companies, Saint-Petersburg) Aerial photography for problems of extreme robotics*
4. ***Maksim V. Zabelin** (Deputy head of Federal Medical Biological Agency of Russia, Moscow) The main directions of medical robotics development in Federal Medical Biological Agency*
5. ***Andrey D. Kaprin** (RAS Academician, Doctor of Medical Sciences, Professor, Director General of FSBI NMRRC of the Ministry of Health of the Russian Federation, Obninsk town) Robotic technology for medicine*

6. **Alexey A. Romanov** (*Doctor of Technical Sciences Deputy Director for Science of JSC «Russian space systems», Moscow*) The paradigm shift in the development of innovative products: from separate R & D works to digital full life-cycle projects
7. **Alexey I. Borovkov** (*PhD, Professor, Vice-principal of SPbPU SPbPU, Saint-Petersburg*) Factories of the future – Foundation for the development of robotics
8. **Anton P. Shalaev** (*Deputy head of Federal Agency for Technical Regulation and Metrology, Moscow*) Use of standardization tools in the creation and perfection of robotics