

ROSCOSMOS State Corporation for Space Activities

“Yu.A. Gagarin Research & Test Cosmonaut Training Center” Federal State Budgetary Organization

“Yu.A. Gagarin Research & Test Cosmonaut Training Center” Federal State Budgetary Organization with the assistance of the ROSCOSMOS State Corporation for Space Activities will hold the 14th International Scientific and Practical Conference “**Manned Space Flights**” November 17–19, 2021 in Star City.

The Conference languages are Russian and English.

The purpose of the Conference is to evaluate the current level of research and bottom lines in the sphere of building and use of manned spacecraft as well as the selection, training and professional activity of cosmonauts aboard manned space vehicles and their post-flight rehabilitation.

The Conference program provides for the following scientific topics:

Section 1 The challenges and prospects of the development and use of manned space systems

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Section 2 Professional activity of cosmonauts (selection, training, space flight)

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Section 3 Scientific-applied research and experiments in space

Chairman: Sorokin Igor Viktorovich – Deputy Head of the Center for Programming and Integration of PL, Doctor of Science (Engineering) (RSC-Energia)
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Section 4 Technical facilities for cosmonaut training

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Section 5 Problems of the centrifuges operation and their use for cosmonaut training

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Section 6 Extra Vehicular Activity

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Section 7 Medical and psychological aspects of the selection, training, and in-flight activity of crews and their post-flight rehabilitation

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Section 8 Innovative information technologies for providing cosmonaut training

Chairman: Kovrigin Sergey Nikolaevich
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Section 9 Youth for the present and future of human space exploration

Chairman: Zakharov Oleg Evgenievich
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The Conference scientific program provides for:

- Plenary session;
- Workshops;
- Poster papers;
- Roundtable discussions on the subject of “Activity of cosmonauts as researchers during future space missions”;
- Exhibition.

The Russian and foreign cosmonauts and astronauts, scientists, engineers, designers, and experts in allied fields are invited to take part in the Conference.

A sourcebook will be issued before the Conference begins.

Applications, abstracts and a scanned copy of the expert opinion on a possibility of publication an abstract in the open press should be emailed to the appropriate addresses of chairmen and secretaries of the sections.

The submitted abstracts should meet the requirements available on the site of the “Gagarin R&T CTC” FSBO www.gctc.ru under the 14th International Scientific and Practical Conference. Electronic versions of abstracts should be forwarded to the Organizing Committee only once in the final formulation. The Organizing Committee doesn’t edit received abstracts, the responsibility for the content and design of abstracts lies on authors.

The deadline for abstract submission is **October 1, 2021.**

Detailed information on the Conference conditions and related events is available on the site www.gctc.ru of the “Gagarin R&T CTC” FSBO under the 14th International Scientific and Practical Conference.

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