



*"Space for Earth
and
Earth for Space"*

**Russian Ministry of Science and Education
RUSSIAN ACADEMY OF SCIENCES (RAS)
International Academy of Astronautics
Semenov Institute of Chemical Physics RAS
Keldysh Institute of Applied Mathematics
Russian Section of International Combustion Institute**

**9th International conference
SPACE'2019**

**"SPACE CHALLENGES IN XXI CENTURY.
Novel Technologies, Materials and Devices for
Space Development and Earth Applications"
Yaroslavl, Tereshkova Space Center, Russia
7-11 October 2019**

The aim of the conference is to support international cooperation of researchers in the field of Space development and application of advanced technologies, materials and devices for Space technology, and Space development as well as to advance and discuss joint scientific-technical projects.

The conference "SPACE'2019" is a part of the cycle "Space challenges in the 21st Century (SPACE'XXI)", which was launched in 2003 in Moscow by the conference devoted to the 100th anniversary of publication of the K. E. Tsiolkovsky's paper "Investigation of Outer Space by Rockets"

The conference SPACE'2019 will be held in Planetarium of the Cosmonaut Valentina Tereshkova cultural and educational Space Center in Yaroslavl, Chaikovskogo Str. 3, 150000, Russian Federation.

The main topics:

1. Structural, energetic, electronic and protective materials
2. Power and energy systems for space missions
3. Chemical Propulsion and Propulsion Chemistry
4. Miniaturization of spacecraft and rocket engines
5. Durability of materials and space devices
6. Safety of space stations and expeditions
7. Devices for space research
8. Space technologies applications for national economies
9. International cooperation for Space development, and future projects
10. Special session will be dedicated to the 50th anniversary of man's landing on the moon

The conference languages: English and Russian.

SELECTION of papers is carried out in accordance with the application and submitted extended abstracts (its volume is from 1 to 2 pages). Abstracts should include paper title, names and addresses of authors, text, figures, tables and references. The abstracts should be sent to the Organizing Committee till **25 August 2019** in electronic form (e-mail: space@chph.ras.ru). The texts should be prepared in MS Word (A4, identical fields - 2,5 cm, Times NR – 12, single-spaced, no page numbers), the file name corresponds to the surname of the reporter. Applications for participation are accepted until **August 30, 2019**.

PUBLICATION: extended abstracts will be published before the conference and distributed among participants. Full papers will be published after the conference in the journal Acta Astronautica (<http://iaaweb.org/content/view/232/359/>).

The **Registration Fee** is 250 USD. For students and accompanying persons the registration fee is 100 USD. The registration fee payment is only after the Organizing Committee confirmation of the abstract and registration card acceptance.

Accommodation: The Organizing Committee has booked a limited number of rooms in the Ring Premier Hotel (www.ringhotel.ru) for participants of SPACE'2019.

Address of the Organizing Committee: SPACE'2019, Semenov ICP RAS, Kosygin Str. 4, Moscow 119991 RF. Fax: 7(495) 651-2191, e-mail: space@chph.ras.ru ; phone: 7(495) 939-7267. http://www.chph.ras.ru/images/news/Space2019_eng.pdf ;

<https://www.comb-inst-rus-section.com>



Application for participation in SPACE'2019
(please send before August 25, 2019 in electronic form on
space@chph.ras.ru)

Surname, Name, Patronymic

Organization

Position, academic degree, rank

Address for correspondence

E-Mail _____ Phone _____

Fax _____

Is report: YES _____ POSTER _____ ORAL _____ NO _____

The title of report

The accompanying persons (names)

The date of arrival _____

Signature _____