



RUSSIAN ACADEMY OF SCIENCES
8th International conference
"SPACE CHALLENGES IN XXI CENTURY.
Novel Technologies, Materials and Devices for
Space Development" (SPACE'2017)
Russian Federation, Sochi, Adler
16-21 October 2017

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'2017 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'2017 is devoted to the 60th anniversary of the First artificial earth satellite Sputnik-1 which marked the beginning of the Space era of humankind.

The conference will be held in sanatorium-resort complex SKK "Znanie", Prosvescheniya street, 139, Adler, Sochi 354346 Krasnodar Krai, Russian Federation (<http://skk-znanie.ru>).

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

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 2 to 3 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 **30 August 2017** 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 September 30, 2017

PUBLICATION: extended abstracts will be published before the conference and distributed among participants. Full papers will be published after the conference in the volume 6 of the periodic issue "Space Challenges in XXI Century".

The **Registration Fee** is 350 euros. For students and accompanying persons the registration fee is 150 euros. The registration fee payment is only after the Organizing Committee confirmation of the abstract and registration card acceptance.

Accommodation: October in Sochi-Adler is the high season, therefore free reservation of accommodation in SKK "Znanie" is possible only at least 3 months before due date. The Organizing Committee has booked a limited number of rooms in SKK "Znanie" for participants of SPACE'2017, but SKK requests reasonable prepayment for the stay. For registered attendees, who plan to stay in SKK "Znanie", is possible to include the payment for their accommodation in the Total Registration Fee (which depends on the accommodation level). Details are after registration

Address of the Organizing Committee: SPACE'2017, 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://chph.ras.ru/news/all/space_2017



Skk "ZNANIE", Adler
16-21 October 2017

Application for participation in SPACE'2017
(please send before August 30, 2017 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 and time of arrival in Sochi _____