Dear Colleagues!
We invite you to take part in the fourth international conference
"Physical Culture, Sport, Health and Longevity"
dedicated to the 100th anniversary of the SFU
5 - 8 February 2015
(Rostov-on-Don, Dneprovsky Street, 116, Academy of Physical Culture and Sports, Sochi, Krasnodar Region)

Are invited to participate: managers and employees of educational institutions of higher, secondary and further education, graduate students, undergraduates, students, employees of research institutes and experts in the field of physical culture, sports, life safety, modern biomedical, intellectual and engineering technologies for education, sports, health and longevity, managers and employees of public and youth organizations (clubs) are invired to participate.

Conference Organizing Committee:

Honorable Chairman
*Borovskaya Marina Alexandrovna - r*ector of the Southern Federal University, Doctor of Economic Sciences. professor
Deputy Honorable Chairman
Stepanova Tatyana Anatolyevna – Candidate of Pedagogical Sciences, Associate Professor, Director of the Academy of Physical Culture and Sports SFU, Rostov-on-Don;

The co-chairs of the organizing committee:
Havinson Vladimir Khatskelevich – Doctor of Medical Sciences, Professor, President of the European Association of Gerontology and Geriatrics, St. – Petersburg
Lysenko Alla Viktorovna- Doctor of Biological Sciences, Professor, Head of the Department of Biomedical foundations of Physical Education and Sport of the Academy of Physical Culture and Sports SFU, vice president of the Gerontological Society of the Russian Academy of Sciences, Rostov-on-Don

Executive secretary of the organizing committee:
Ponomareva Irina Alexandrovna- Candidate of Medical Sciences, Associate Professor of the Department of Human Health and Life Safety of the Academy of Physical Culture and Sports SFU, Rostov-on-Don;

Committee members:
1. Barshay Vladimir Maksimovich – Candidate of Pedagogical Sciences, Head of the Department of Theoretical Foundatitions of Physical Education
2. Chertov Nikolay Viktorovich – Candidate of Pedagogical Sciences, Head of the Department of Sport Dicsiplines
3. Bondin Viktor Ivanovich - Doctor of Pedagogical Sciences, Professor, Head of the Department of Human Health and Life Safety of the Academy of Physical Culture and Sports SFU, Rostov-on-Don;
4. Voronin Igor Vadimovich - technical director of "LINTEH" Skolkovo, Moscow Region;
5. Novitsky Oleg Viktorovich- pilot-cosmonaut, Hero of Russia, Star City, Moscow region
6. Tarelkin Evgeny Igorevich. - pilot-cosmonaut, Hero of Russia, Star City, Moscow region
7. Fortunatov Vladimir Valentinovich - Doctor of Historical Sciences, professor, chairman of the organizing committee of the National Youth sport - educational Forum "Robotics and eSports", Saint - Petersburg;
8. Usenko Sergey Vladimirovich – Candidate of Pedagogical Sciences., head of the department of sport games of the Academy of Physical Culture and Sports SFU, Rostov-on-Don;
9. Shpakova Vera Anatolyevna- Candidate of Pedagogical Sciences, Head of the Department of Gymnastics of the Academy of Physical Culture and Sports SFU, Rostov-on-Don;
10. Juventin Tatiana Alexandrovna- head of the project "Educational Robotics", Skolkovo, Moscow region

<div align="center">**Conference themes:**</div>

Direction 1. Actual problems of health and healthy lifestyles in modern environments: their importance in maintaining the quality, ensuring the longevity and safety.
Direction 2. Innovations in physical education and sport: biomedical, psychological, engineering, information and communication.
Direction 3. Domestic and foreign vectors of development of professional training in the field of physical culture and sports.
Direction 4. Sport and health technologies and physical rehabilitation of children and adults.
Direction 5. Actual problems of high performance sport.
Direction 6. Intercultural communication and sport.

<div align="center">**Official languages: English and Russian**</div>

To participate in the conference and the publication of your work it is required before January 25, 2015 to submit to the Organizing Committee: an application to participate in the conference; article in electronic form.

<div align="center">**Application for participation in the conference**</div>

Surname _____ Name_____ Patronymic _____
Organization _____
Position_____
Scholastic degree _____
Adress: _____ _____
Number. _____ fax _____ e-mail _____
Direction's number _____
The title of the article_____
Participation in the conference: 1) only publication (correspondence participation); 2) an oral report (10 min.);
3) poster; 4) full-time participation - only the publication without the report; 5) participation without the publication and report.
4) Do you need a certificate of participation - Yes / No
Emphasize the right!
Date_____

Within the conference the contest of high school students "Robotics, neurocybernetics and information technologies for education, sports and medicine" will be held in the following areas:
Section №1 «Human Security in the age of techno sphere of information overload, artificial intelligence and high speeds".
Section №2 «Robotics, neurocybernetics and information technologies for education, sports and medicine"
Section №3 «Medical, biological and psychological foundations of health and longevity"
Section №4 «Biodiversity, Ecology and Health"

Within the conference the contest of students, undergraduates, graduate students and young scientists (up to age 35 years) "Physical Activity in addressing the improvement of the quality and duration of life on Earth and in space" will be held in the following areas:
1. Management technologies of the functional state, the rate of aging, efficient and successful business.
2. Hypokinesia, light pollution, desynchronosis and aging: the state of problems and solutions
3. The problem of the influence of anthropogenic load of environment on health, longevity and quality of life
4. Effect of different shapes and varieties of culture on the longevity and quality of life
5. Actual problems of high performance sport.

6. The sports complex "Ready for Labor and Defense" (TRP): yesterday, today and tomorrow.

Requirements for the articles:

The conference materials will be published in the scientific materials compilation. The volume of articles should be at least four (4) - not more than ten (10) pages (for pupils and students - 3 pages) through a 1.0 interval, including the bibliography. The font size in the tables can be reduced to 12. The text can not contain hyphenation. A4 page in the editor Word, font Times New Roman, font size - 14. All fields - 2.5 cm., Width adjustment page. The article can be in the form of an analytical review (based on scientific publications over the past 5 years), or as a description of the results of your own experimental research (basic or applied).

In the upper left corner of the article you must specify the UDC (http://teacode.com/online/udc/). Title of the article is written in capital letters in **bold**, the next line - the author's name (s) and initials, the third line - the full name of the institution, city and country are written in *italics*, centered.

The structure of the article should necessarily include: the relevance and purpose of the study, the organization of the experiment and research methods, results and discussion, conclusions.

Bibliography at the end of the article is called LITERATURE and is made in alphabetical order according to the requirements of GOST (of no more than 15 sources). The references in the text are given in numbers corresponding to the number of the author in the references in square brackets. For example: [1].

Abstract (no more than 2,000 characters) and key words (up to 5) in ***Russian*** must be attached to each article in a separate file, as well as the title of the article, names of authors, institution, abstract and keywords in ***English***. For works presented in English, you must attach the article title, authors' names, institution, abstract and key words in ***Russian***.

The author is responsible for the content of the article and copyright compliance. The organizing committee reserves the right to select articles. **Articles, designed not according to the rules, as well as Article abstracts, are not accepted, reviewed and returned. Each author can be co-author of only two articles presented in the Conference Collection of articles.** Texts of articles are published in author's edition. The organizing committee reserves the right to reduce the volume of the article.

Collection of articles is located in the Science Library (eLibrary.ru) and will be included in the Russian Science Citation Index (RISC), a collection of essays assigned ISBN, bibliographic characters (UDC and BBK)

Subscribe collections:
- Russian Book Chamber -16 cop
- Russian State Library -1 cop
- National Library - 1 cop
- State Public Scientific and Technical Library of Russia - 1 cop
- Russian Institute for Scientific and Technical Information - 1 cop

Cost of participation:
- ✓ 300 rubles registration fee (for full-time participation - payable locally).
- ✓ Conference Collection of Articles will be sent COD - 1 collection of published works, regardless of the number of authors of the article + postage; cost of additional copies of the collection is 300 rubles.

Application for participation in the conference (separate file called "application + name of the first author), articles (a separate file called" article + name of the first author) and

annotations (separate file called "annotations + name of the first author"), drawn up in accordance with the rules, should be directed to the coordinator e-mail (coordinator – Doctor of Biological Sciences., professor Lysenko Alla Viktorovna - alysenko@sfedu.ru).

For more information on the organization and conduct of the international conference, please call:
88632507473 – Stepanova Tatiana Anatolyevna, Director of the Academy of Physical Culture and Sports SFU
88632507771 – Lysenko Alla Viktorovna, Head of the Department of Biomedical foundations of Physical Education and Sport of the Academy of Physical Culture and Sports SFU

Address of the Organizing Committee: 344065, Rostov-on-Don, Dneprovsky Street, 116, Academy of Physical Culture and Sports, Southern Federal University.
Thank you for your cooperation!

Conference Organizing Committee