



Russian Group on Fracture

China Structural Integrity Consortium

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**AGREEMENT ON SCIENTIFIC AND TECHNICAL COOPERATION**  
between Russian Group on Fracture (RGF) and China Structural Integrity  
Consortium (CSIC)

Russian Group on Fracture (RGF) non-profit public organization providing organizational and information support for international seminars, conferences and summer schools for young scientists in the Russian Federation, interaction of Russian scientists with the European Society for Structural Strength and their representation in the technical committees of ESIS, supporting open access of foreign scientists to current research results of Russian scientists and disseminating information about events related to fracture mechanics and structural integrity in Russia and abroad, providing information about the publication and promotion of Russian scientific journals (Party 1), represented by chairman professor Valery Shlyannikov, on the one part, and China Structural Integrity Consortium (CSIC) (Party 2), represented by chairman professor Shan-Tung Tu, on the other part, taking into account the mutual interest in long-term and multifaceted cooperation, have concluded this Agreement as follows:

**1. COOPERATION AGREEMENT SUBJECT**

1.1 The subject of this Agreement is the coordination and deepening of international cooperation between Chinese and Russian scientific organizations in the field of studying the mechanics and physics of fracture, fatigue and structural integrity, the development of non-destructive testing methods, physical materials science and intelligent monitoring of engineering systems and structures.

1.2 The implementation of the Agreement should facilitate

1.2.1 open exchange of information on potential opportunities and current civilian scientific research carried out in scientific organizations and universities in Russia and China in the field of fracture mechanics, structural integrity and related fields, international promotion of national scientific periodicals;

1.2.2 scientific cooperation and the formation of international research teams to launch joint fundamental, interdisciplinary and practice-oriented research, stimulate academic and student exchanges, participate in joint Russian-Chinese seminars and conferences;

1.2.3 increasing the level of integration of researchers and engineers in order to develop new methods and approaches to improve the reliability and safety of operation of a wide class of engineering systems, structures and structures.

1.3 Cooperation and synergetic of scientific potentials will allow to intensify information exchange on current scientific results and requests of industrial partners, the possibilities of centers for the collective use of scientific equipment and unique scientific installations.

1.4 Coordination of interaction will be carried out through public events, mass media and Internet resources of the parties to the agreement – the Chinese Consortium of Structural Strength and the Russian Group on Fracture. The work will be supported of the Russian National Committee for Theoretical and Applied Mechanics, the Scientific Council for Mechanical Engineering of Department of Energy, Mechanical Engineering, Mechanics and Control Processes of the Russian Academy of Sciences.

## **2. PARTIES COMMITMENTS**

2.1 Preparation, posting on websites on the RGF website (<https://rgf.icmm.ru>) and CSIC (<http://www.china-sic.net/>) and periodic updating of the proposals list for joint Russian-Chinese scientific research cooperation using unique scientific equipment and collective use centers (Appendix 1).

2.2 Exchange of information and support for the participation of Russian and Chinese scientists in regular scientific events, seminars, schools for young scientists in Russia and China, organization of joint sections and symposiums within the framework of national conferences. In particular, within the framework of the All-Russian Congress on Theoretical and Applied Mechanics and the Chinese International Symposium on Structural Integrity.

2.3 Interaction with government agencies, primarily the Ministry of Education and Science of the Russian Federation and the State Fund of Natural Sciences of China (NSFC), as well as other scientific foundations in terms of initiating joint programs and competitions in the interests of both countries.

2.4 Information on financial support for joint research in both countries, academic and student exchanges, support for the formation of international teams for participation in international research competitions supported by national and international foundations, in particular, the RNF-NSFC competition, the Perm Region regional program for the formation of international research groups, a competition within the framework of the implementation of the Decree of the Government of the Russian Federation from April 9, 2010 No. 220 "On measures to attract leading scientists to Russian educational institutions of higher education, scientific institutions and State scientific centers of the Russian Federation".

2.5 Information support for the activities of the Russian Fracture Group and the Chinese Structural Integrity Consortium, exchange of information on the development of new standards and test methods, attracting new national and foreign members, posting up-to-date information about collaboration on the websites RGF (<https://rgf.icmm.ru>) and CSIC (<http://www.china-sic.net/>).

2.6 Information support for national scientific periodicals and other modern means of information dissemination (blogs, thematic websites, WebTV, WeChat, etc.).

2.7 Promote scientific research and links between researchers and engineers in both countries to conduct practice-oriented research for the benefit of industrial customers in both countries.

2.8 Development of European-Asian scientific and educational cooperation, promotion of scientific diplomacy and increasing the level of trust between European and Asian countries. Preservation and popularization of the history of the development of fracture mechanics and structural strength in Russia and China.

### **3. CONDITIONS AND PROCEDURE OF EXERCISING AGREEMENT**

3.1 Terms, conditions and format of the participation in the preparation and implementation of any activity or specific research projects not covered by Appendix 1) of this Agreement shall be determined separately in each case.

3.2 The Parties will develop a plan of activities aimed at implementing the Agreement, and shall agree the terms to ensure the achievement of the project objectives.

3.3 All disputes/issues arising out of or related to this Agreement, shall be settled by negotiations between senior executives of the Parties who have the authority to settle the same.

3.4 Each Party shall bear its own costs and expenses incurred in developing a plan of activities aimed at implementing of the Agreement.

#### 4. OTHER CONDITIONS

4.1 This Agreement shall come into force upon signature by both parties and is valid for 3 (three) years. The term of the contract may be extended by mutual agreement of the parties.

4.2 All changes to this Agreement shall be made in writing and signed by authorized representatives.

4.3 Each party has the right to unilaterally terminate this agreement, with written notice to the other side of twenty (20) calendar days before the scheduled termination. During the specified time, this Agreement is fully maintained.

4.4 This Agreement is concluded in two counterparts, in Russian and English languages. Each Party shall have an original copy in each language. In the event of conflict between the English and Russian versions, the English version will take precedence.

#### 5. DETAILS OF THE PARTIES

##### Party 1

**Russian Group on Fracture**

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Russian Federation

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##### Party 2

**Chinese Structural Integrity Consortium**

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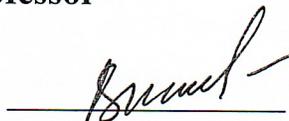
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E-mail: jfwen@ecust.edu.cn

#### 6. SIGNATURES OF THE PARTIES

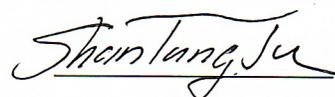
**Chairman of the RGF**

**Professor**

 V. Shlyannikov

**Chairman of CSIC**

**Professor**

 Shan-Tung Tu

Date: «29» October 2025

Place:

Date: «29» October 2025

Place: