

CONSORTIUM AGREEMENT

Today, 9.3. 2018, in Sofia, this agreement is made and entered into by and between :

1. **The INSTITUTE OF ELECTRONICS - BAS**, BULSTAT 000663694, with headquarters and address of management: Sofia - 1784, 72 Tsarigradsko Shosse Blvd., represented by Prof. Lachezar Asparuhov Avramov, in his capacity of Director:

2. **SOFIA UNIVERSITY "ST. KLIMENT OHRIDSKI"**, BULSTAT 000670680, with headquarters and address of management: Sofia - 1504, 15 Tsar Osoboditel Blvd., represented by Prof. Anastas Georgiev Gerdzhikov, in his capacity as Rector:

3. **"GEORGI NADJAKOV" INSTITUTE OF SOLID STATE PHYSICS-BAS**, BULSTAT 000662025, with headquarters and address of management: Sofia - 1784, 72, Tsarigradsko shose Blvd, represented by Prof. Dr. Hassan Shamati, in his capacity as Director:

4. **NEW BULGARIAN UNIVERSITY**, BULSTAT 000677803, with headquarters and address of management: Sofia - 1618, 21, Montevideo Street, represented by Prof. Plamen Bochkov, in his capacity as Rector:

Art. 1. The parties to the agreement, undertaking the works of ELI (Extreme Light Infrastructure), led by their research interests and programmes and their experimental and theoretical capabilities, set up a consortium called ELI-ERIC-BG .

Art. 2. The parties to the agreement unite with the purpose of:

1. Joint application for membership and participation in ELI-ERIC – a Research Infrastructure (RI) of pan-European interest and part of the European ESFRI Roadmap (ESFRI), aiming to build, modernize and maintain laser systems and creating sets of mathematical models to solve tasks on small scale projects within the framework of ELL

2. Joint application for inclusion in the National Roadmap for Scientific Infrastructure (2017-2023), adopted by Resolution N2 354 of 29 June 2017 of the Council of Ministers of the

Republic of Bulgaria, and for being designated as distributed research infrastructure "ELI-ERIC -BG".

3. Joint application and participation in national and international projects on the scope of works of ELI-ERIC and others with a view to obtaining funding for research and acquiring new knowledge and skills from the scientists participating in the project.

Art. 3. The Parties agree that the main priorities of the consortium shall be:

1. Establishment, modernization and / or development of a research infrastructure that conforms to the one approved in the National Roadmap for Scientific Infrastructure ;
2. Increasing the scientific potential of Bulgaria in the field of laser physics, engineering and technology.
3. Enabling all its members to fully exploit the existing and newly acquired (through participation in projects) research equipment.
4. Attracting young scientists who are interested in research work to develop the Science-Education relationship which shall assist their growth through working side by side with leading European laser physics specialists,
5. The envisaged studies need be parts of dissertations for obtaining a Doctoral degree as well as parts of students' theses.

Art. 4. (1) The primary objective of the consortium, subject of this contract, is to carry out independent research and development of the participants' scientific infrastructure and widely disseminate the results of these activities through teaching, publication or knowledge transfer;

(2) In addition to the primary objective, upon signing this Agreement, the Parties agree to cooperate to achieve the following general objectives:

1. Creation, development and maintenance of research infrastructure for small-scale projects, supporting fundamental research in ELI's main laboratories in the Czech Republic, Hungary and Romania – the "pillar countries".
2. Participation of consortium participants in fundamental experimental and theoretical research of basic laser systems together with researchers from the pillar countries.
3. Broad dissemination of the results of the consortium's activities through teaching, publications and knowledge transfer.

(3) The Parties agree that the infrastructure created as a result of the activities under this

contract will be used exclusively for non-economic activities: education to attract better qualified human resources; independent research and development activity for furthering knowledge; wide dissemination of research results under non-exclusive and non-discriminatory conditions, for example through teaching, free access databases, open access to publications or open source software; knowledge transfer activities, through a research organization or infrastructure (including its departments or subsidiaries), or jointly with a research infrastructure or on behalf of other such entities.

Art. 5. When applying for specific projects related to the participation in the projects under Art. 2, the parties shall sign separate agreements on a case-by-case basis in which they will agree on the specific distribution of activities and financing for each one of them, including the rights and responsibilities of everyone, as well as the ownership of the results and benefits of the project / activity concerned and intellectual property rights in accordance with Bulgarian legislation.

Art. 6. (1) The parties agree to a Management Board, consisting of a representative of each of the partners, which shall represent them before third parties, incl. before ELI-ERIC upon application to the National Roadmap for Scientific Infrastructure (2017-2023), coordinating all issues related to the application for membership and the preparation of the necessary information from each of them.

(2) The Management Board shall decide on all operational issues related to the performance of the activities under this contract.

(3) The members of the Management Board are:

Prof. Dr. Sc. Ivan Christov - representative of the Sofia University

Prof. Jean Claude Kieffer - Coordinator for ELI-ERIC

Assoc. Prof. Dr. Todor Petrov, representative of Institute of Solid State Physics - BAS

Assoc. Prof. Dr. Tsveta Apostolova - representative of New Bulgarian University

(4) The Chairman of the MB is Prof. Dr.Sc. Lubomir Kovachev representative of Institute of electronics- BAS.

(5) All decisions of the Management Board shall be taken unanimously.

(6) The parties will be represented by their legal representatives or by persons expressly authorized by them.

(7) The Chairman of the Management Board or another member of the MB may represent the consortium only upon explicit authorization from the other parties'

Art. 7. (1) Admission of new members to the consortium shall be subject to a motivated request from the organization wishing to enter into the consortium in which the applicant declares that they are familiar with and accept the terms of this contract.

(2) The application under paragraph 1 shall be accompanied by a clear justification regarding the contribution the future partner would have to the mission and the consortium.

(3) A decision on the application of a prospective new partner shall be taken by the Management Board, taking into account the relevance of the proposal to the main objectives and activities of the research infrastructure.

This contract was drawn up and signed in four copies, one for each of the parties to the agreement, as follows:

Art. 8. Each party may terminate its membership in the consortium with a one-month written notice addressed to the other parties. In this case, the consortium will continue to exist among the other parties unless they decide otherwise.

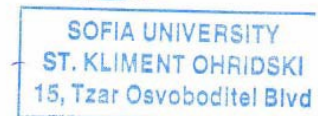
1. INSTITUTE OF ELECTRONICS - BAS:

Prof. Lachezar Avramov, Dr. Sc., Director



2. SOFIA UNIVERSITY "ST. KLIMENT OHRIDSKI ":

Prof. Anastas Gerdzhikov, Dr. Sc., Rector



3. INSTITUTE OF SOLID STATE PHYSICS – BAS :

Prof. Dr. Sc. Hassan Shamati, Director






4. NEW BULGARIAN UNIVERSITY:

Prof. Dr. Plamen Bochkov, Rector

5. CHAIRMEN OF THE MB OF ELI-ERIC-BG:


Prof. Dr. Sc. Lubomir Kovachev