



ARISTOTLE  
UNIVERSITY  
OF THESSALONIKI



UNIVERSITY  
OF NOVI SAD



University of  
Kragujevac



KIRKLARELİ  
ÜNİVERSİTESİ  
*Bilgiye Teknolojiye...*

# THERADE

**innovative TechNologiEs for RADiations, applied to Environmental  
monitoring, cultural heritage and health risks**

**Convention for the establishment of  
the International Center for Advanced Studies and Research  
on “innovative TechNologiEs For RADiations, applied to  
Environmental monitoring, cultural heritage and health risks”,  
called THERADE  
BETWEEN**

The University of Salerno, *Italy*, represented by the Rector, Prof. Vincenzo Loia, duly authorized to sign this deed;

The Aristotle University of Thessaloniki, *Greece*, represented by the Rector, Prof. Dimitrios S. Koveos, duly authorized to sign this deed;

The Riga Technical University, *Latvia*, represented by the Rector, Prof. Tālis Juhna, duly authorized to sign this deed;

The University of Novi Sad, *Serbia*, represented by the Rector, Prof. Dejan Madič, duly authorized to sign this deed;

The University of Kragujevac, *Serbia*, represented by the Rector, Prof. Nenad Filipovic, duly authorized to sign this deed;

The University of Kırklareli, *Turkey*, represented by the Rector, Prof. Bülent Şengörür, duly authorized to sign this deed;

**IN THE FOLLOWING, JOINTLY DEFINED THE “PARTS”**

## **PREAMBLE**

Bearing in mind that:

between the University of Salerno, *Italy*, the Aristotle University of Thessaloniki, *Greece*, the Riga Technical University, *Latvia*, the University of Novi Sad, *Serbia*, the University of Kragujevac, *Serbia*, the University of Kirklareli, *Turkey*, there is a long and intense cooperation and collaboration in the fields of scientific research and advanced education,

the “parts”, after a positive evaluation of the activities performed so far, have decided to continue the reciprocal scientific collaboration and cooperation.

## **THE FOLLOWING CONVENTION IS AGREED AND STIPULATED**

### **Art. 1 ESTABLISHMENT OF THE CENTER**

Between the University of Salerno, *Italy*, the Aristotle University of Thessaloniki, *Greece*, the Riga Technical University, *Latvia*, the University of Novi Sad, *Serbia*, the University of Kragujevac, *Serbia*, the University of Kirklareli, *Turkey*, it is thereby established the International Center for Advanced Studies and Research on “Innovative Technologies For Radiations, applied to Environmental Monitoring, Cultural Heritage and Health Risks”, called THERADE (hereinafter called the Center).

The Center is promoted by the following institutions:

- The Department of Information Engineering, Electrical Engineering and Applied Mathematics (DIEM), University of Salerno, Italy.
- The Department of Nuclear and Elementary Particle Physics School of Physics and the Faculty of Sciences, Aristotle University of Thessaloniki, Greece.
- The Faculty of Civil and Mechanical Engineering, Riga Technical University, Latvia.
- The Department of Physics and the Faculty of Sciences, University of Novi Sad, Serbia.
- The Department of Information Technologies, the Department of Physics and Materials and the Faculty of Technical Sciences at Cacak, University of Kragujevac, Serbia.
- The Department of Physics and the Faculty of Science and Literature, University of Kirklareli, Turkey.

Other Institutions, Universities, Research Centers, which have special potential for strengthening the activities of the Center, may adhere to the Center, in quality of “affiliated Institutions”, after the approval by the Executive Board of the Center, as it is stated in the following art. 7.

### **Art. 2 MISSION, OBJECTIVES AND PURPOSES**

The Center is established in the framework of the research competences and joint collaborations already developed by the “Parts”.

The Center has the Mission of pursuing Sustainability and Innovation in all its activities and the following objectives:

- The research activities in the field of the innovative technologies for radiations, applied to environmental monitoring, cultural heritage and health risks, related to exposure, by means of the interdisciplinary and transdisciplinary contribution of applied physics, civil and

information technologies engineering, earth and environmental sciences, life and health sciences.

- The promotion of applicative multidisciplinary approaches by means of case-studies, field work, laboratory activities, the design and implementation of innovative technologies.
- The design of sustainable advanced educational programs to fill the gap in innovation technologies for a sustainable environment and well-being, and the gender gap, in particular in developing and emerging countries.

In order to achieve the above objective, the Center aims to coordinate and promote:

- a wide international network of excellences, starting from the “associated” Institutions, involving other research groups, without any cultural and geographical distinction and border, aiming at the sustainable progress and the highest excellence to contribute to the increase of the well-being, the wealth and health of the society.
- collaboration and cooperation agreements with other institutions.
- the comparison of projects and outcomes of the research activities results within the international scientific community.
- the promotion and the impacts of the research’s results, also through collaboration agreements with public or private institutions and by means of conferences, seminars and workshops, papers on international journals, publishing initiatives specifically connected to the Center.
- the realization of sustainable advanced educational projects also in collaboration with a wide international network of researchers and professors.
- the realization of initiatives aimed at the transfer of the knowledge and technological innovation, such that to support decisions of private and public institutions of the countries of the “parts” and of the “affiliated institutions”.

### Art. 3 ADMINISTRATIVE SEAT OF THE CENTER

The Center has its administrative seat at one of the “parts”, where the Director belongs. The planned scientific activities of the Center are carried out at the locations of the “parts” and at the “affiliated institutions”.

For the first 4 (four) years, starting from the date of the Rector Decree of the establishment of the Center, the seat is appointed at the Department of Information Engineering, Electrical Engineering and Applied Mathematics, (DIEM), University of Salerno, Italy.

### Art. 4 ORGANIZATION OF THE CENTER

The Organs of the Center are:

- the *Director*,
- the *Executive Board*,
- the *Scientific Committee*.

All the positions within the Center are voluntary and without any remuneration.

The composition, the functions and the appointment of such organs are the following:

#### a) *The Director*

is elected by the Executive Board of the Center, among the representatives of the “parts”, indicated by the proponent Departments/Faculties, listed in Art.1, and is appointed by the Rector of the administrative seat of the Center.

The *Director* remains in charge for 4 (four) years and the appointment is renewable, for a maximum number of 2 (two) consecutive mandates.

The *Director*

- convenes and presides over the Executive Board, which is convoked at least one time in a year.
- represents the Center and to this end carries out the resolutions of the Executive Board, signing documents in the name and on behalf of the Center.
- organizes, coordinates, and supervises the activities of the Center.
- proposes, every year, to the Executive Board, the program and a final report on the activities carried out.
- appoints the members of the Scientific Committee, under the proposal of the Chairperson, after the approval of the Executive Board.
- appoints, with a formal letter, the 2 (two) Deputy Directors, who assist him in performing his duties or replace him in the event of his absence or impediment. The two Deputy *Directors* remain in charge for 4 (four) years and their appointment is renewable, for a maximum number of 2 (two) consecutive mandates.
- proposes the collaboration with other institutions.

The *Director*, also, appoints, the Director's Delegates:

- For the *Project Management*.
- For the *Sustainable Advanced Education*.
- For the *Diversity and Inclusion*.
- For the *Knowledge and Technology Transfer*.
- For the *International Mobility*.
- For the *Coordination and Promotion*.

b) *The Executive Board*.

The Executive Board is the organ of direction, planning and deliberation of the activities of the Center.

It is chaired by the Director and is composed by 1 (one) representative of each "part", indicated by the proponent Departments/Faculties, listed in Art.1

The Executive Board remains in office for 4 (four) years and the appointment is renewable, for a maximum number of 2 (two) consecutive mandates.

It elects the Director and the Chairperson of the Scientific Committee.

It carries out management and coordination functions. In particular

- Draws the general directions of development of the Center and decides on the planning of activities and other organizational issues of the Center.
- Approves the program of the activities and the final report delivered by the Director.
- Approves the appointment of the members of the Scientific Committee, on the proposal of the Director, under indications by the Chairperson.
- Approves the association to the Center of other institutions, in quality of "affiliated institutions".
- Decides on any proposed amendments to the Statute to be submitted to the approval of the academic bodies of the "parts" and on the eventual deactivation of the Center.

- Ratifies, conformally with the management and accounting rules of the Part, hosting the Center, contracts, agreements, and conventions, signed by the Director of the Center, with other institutions.
- Deliberates on any other subject submitted to its examination.

The meetings of the Executive Board are valid if, at least, the majority of the members are present. For the validity of the meetings concerning the election of the Director and the Chairperson of the Scientific Committee, the approval of the Director's final report, the amendments to the Statute and the eventual deactivation of the Center, it is not allowed to deduct justified absentees and the resolutions are passed by an absolute majority of votes.

The Executive Board meets at least once a year, and whenever the Director deems it necessary or at the request of a member of the Executive Board.

The convocation must be made with an advance of at least 15 days by mail or by other means of messaging. Board meetings may also take place via computer video conferencing, Skype or equivalent medium.

#### *c) The Scientific Committee*

It is composed of highly qualified international experts and scholars of established scientific fame, who guarantee the scientific quality of the Center's work. They are appointed by the Director, under the indication of the Chairperson, after the approval of the Executive Board.

The Scientific Committee remains in charge for 4 (four) years and is renewable, for a maximum number of 2 (two) consecutive mandates.

It expresses an opinion on the program of scientific activities of the Center.

It proposes to the Chairperson the establishment of permanent Working Groups, open to scholars who make explicit request to join them.

The consultations among the members of the Scientific Committee can take place electronically.

The *Chairperson of the Scientific Committee* remains in charge for 4 (four) years and the appointment is renewable, for a maximum number of 2 consecutive mandates, and

- coordinates the Scientific Committee.
- illustrates the program of the Center's activities to the Scientific Committee.
- accepts any proposals from the members of the Scientific Committee and submits them to the Executive Board.
- holds the role of Scientific Ambassador for the Center.

## Art. 5 FINANCIAL SUPPORT AND ADMINISTRATIVE-ACCOUNTING MANAGEMENT

The Center does not have its own administrative and management autonomy; therefore, the ordinary research activities are performed by each "part" according to its own financial resources.

The Center elaborates projects, coherently to its own aims and program, for finding external financial resources and specific funds, useful for achieving its goals, provided by other public and private institutions, through

- the stipulation of specific agreements, according to the rules of the "parts".

- the participation to regional, national and European calls for projects, through the “parts”, submitting, through its Director, any administrative /financial proposal to the competent Bodies of the administrative seat of the Center.

The financial resources, with constraint of destination to the Center, are managed by the Department, where the Director belongs, according to the Administrative-Accounting Management rules of the administrative seat of the Center.

The equipment purchased with funds allocated to the Center are inventoried at the administrative seat of the Center, according to its rules.

#### **Art. 6 COLLABORATION WITH OTHER ORGANISMS**

To perform its activities the Center can establish, also through specific agreements, any forms of collaboration with other public and/or private institutions, whose goals are to perform research activities or perform research activities and/or higher educational programs, compatible with the goals of the Center.

Such agreements can be formalized, under proposal from the Executive Board, according to the procedures provided for by the provisions and regulations in force at the “part”, administrative seat of the Center.

#### **Art. 7 AFFILIATIONS**

Individual scientists, not belonging to the “parts”, who make a justified request, can join the Center as “affiliated”.

Also, other Institutions can join the Center as “affiliated Institutions”, upon formal request to be sent to the Executive Board, through the Director of the Center.

In both the cases the “affiliation” is subject to the approval of the Executive Board of the Center.

#### **Art. 8 PROVISIONS FOR SPECIFIC COLLABORATIVE PROJECTS**

Regarding exchange activities of the researchers, belonging to different institutions, in the framework of specific collaborative projects, the insurance coverage, the protection of health and safety in the workplaces, the confidentiality obligations and the intellectual property rights are subject of subsequent specific agreements between the institutions involved.

#### **Art. 9 DURATION, WITHDRAWAL, and DEACTIVATION**

The present Convention will have a duration of 4 (four) years, starting from the date of the Decree of the Rector of the University of Salerno regarding the establishment of the Center, and is renewable for the same period, subject to written agreement between the “parts”, approved by the competent authorities.

The withdrawal of any of the “parts” is allowed, provided that the cancellation notice has been sent at least six months before the expiration, by registered letter with return receipt.

The Center can be deactivated by the administrative seat of the Center, on the proposal of the Executive Board, after consulting the other “parts” of the Center.

The administrative seat of the Center, after consulting the other “parts”, is allowed to take a motivated resolution of deactivation also on its own initiative, when on the basis of the evaluations referred to

in the following art. 10 believes that there has been less effectiveness and efficiency or that it is not possible to achieve the purposes constituting the Center.

### Art. 10 EVALUATION

The activity of the Center is subjected every four years to evaluation by the governing bodies of the “parts”, based on the annual reports referred to in Art. 4.

This Convention, drawn up in Italian and English, is signed in two original copies, one for each “part”.

Fisciano, \_\_/\_\_/\_\_, University of Salerno

The Rector Prof. Vincenzo Loia Signature \_\_\_\_\_

Thessaloniki, \_\_/\_\_/\_\_, Aristotle University of Thessaloniki

The Rector Prof. Dimitrios S. Koveos Signature \_\_\_\_\_

Riga, \_\_/\_\_/\_\_, Riga Technical University

The Rector Prof. Tālis Juhna Signature \_\_\_\_\_

Novi Sad , \_\_/\_\_/\_\_, University of Novi Sad

The Rector Prof. Dejan Madič Signature \_\_\_\_\_

Kragujevac, \_\_/\_\_/\_\_, University of Kragujevac

The Rector Prof. Nenad Filipovic Signature \_\_\_\_\_

Kirklareli, \_\_/\_\_/\_\_, University of Kirklareli

The Rector Prof. Bülent Şengörür Signature \_\_\_\_\_