



COOPERATION AGREEMENT

between

**Erlangen Graduate School in Advanced Optical Technologies
(SAOT)**

and

Lehrstuhl für Technische Thermodynamik (LTT)
Friedrich-Alexander-University of Erlangen-Nuremberg (FAU)
Am Weichselgarten 8
91058 Erlangen, Germany

and

Dipartimento Ingegneria Chimica e Alimentare (DICA)

Università degli Studi di Salerno
Via Ponte don Melillo
84084 Fisciano (SA), Italy

Preamble

The Erlangen Graduate School in Advanced Optical Technologies at the University of Erlangen-Nuremberg (hereafter referred to as SAOT) is a major research and educational institution with focus on the development and application of optical technologies in a broad range of areas in science, medicine and engineering. The Institute of Engineering Thermodynamics (LTT – Lehrstuhl für Technische Thermodynamik) is part of the Department of Chemical and Bioengineering (CBI) of the School of Engineering of the University of Erlangen-Nuremberg. LTT covers in education all aspects of engineering thermodynamics including heat and mass transfer and is in its research activities focused on the fields of combustion (from the fundamentals till practical combustion systems), energy and heat engineering, thermophysical properties of working fluids, particle process technologies, and modern optical diagnostics in energy, chemical, biological and medical applications.

The Dipartimento di Ingegneria Chimica ed Alimentare (hereafter referred to as DICA) is involved in development of the scientific knowledge in the fields of chemistry, materials, pharmaceuticals, medical and food not only from the fundamental point of view but also for their industrial applications. People working at DICA covers also the educational aspects of the Chemical Engineering course of studies at the University of Salerno and offers PhD course in Chemical Engineering.

The partners SAOT, LTT and DICA agree in their mutual interests to develop and provide permanent support to the cooperation between all partners in the areas of research and education.

1. Objective

The purpose of this Agreement is to promote and expand international development, understanding and friendship by stimulating and supporting educational, professional and intercultural activities, as well as projects among researchers of the DICA and SAOT-LTT.

The cooperation shall be carried out, subject to availability of financial sources and the approval of each institution, through such activities or programs as:

- a) Development and execution of collaborative research projects;
- b) Support of the partners' research activities;
- b) Exchange of teaching and research staff of the DICA and the SAOT-LTT;
- c) Exchange of students and doctoral candidates;
- d) Organize and conduct joint conferences, workshops, study groups, courses or meetings.

2. Coordinators

For DICA: professor Ernesto Reverchon

For SAOT and LTT: The Coordinator and Director SAOT and Head LTT – today: Prof. Dr.-Ing. Alfred Leipertz

3. Developing Collaborative Research Projects

Both parties shall regularly evaluate the collaborative research projects being undertaken, make appropriate adjustments whenever problems occur, sum up experience and seek more funding for developing new projects.

4. Exchange of scientific staff

The DICA and the SAOT-LTT will work cooperatively to select exchange participants, to decide the exchange periods, and, in general, to provide the most appropriate solution for both institutions to any arising problems.

Unless otherwise agreed in writing, the staff does not become employees of the host institution. In this case, sufficient health and accident insurance shall be in the responsibility of the individual taking part in the exchange activities.

5. Exchange of students and doctoral candidates

The exchange students may be fully enrolled as students in the Elite Master Program in Advanced Optical Technologies (MAOT), the Chemical and Bioengineering Program (CBI) or related study programs of the School of Engineering.

The exchange students are familiar with the English language.

Depending on the length of the exchange stay, no tuition fees will be charged. Any additional charges, including any for social services, are dependent on the regulations of the host institution.

The exchange student is responsible for all living expenses incurred in the exchange period, including any university expenses other than tuition.

6. Financial aspects

The partners do not go into any financial commitment by signing this agreement. Nevertheless they will undertake any effort to find financial sources or support for each research or exchange project defined. For each project defined the financial conditions will be laid down in separate agreements.

7. Duration / Termination of the Agreement

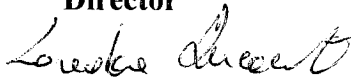
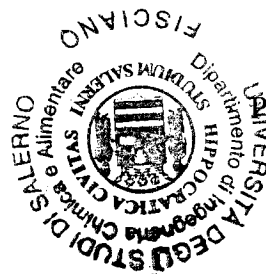
This Cooperation Agreement becomes effective after ratification of both sides. It will remain in force for a period of three years after signing, and any amendment and/or modification of the Agreement will require written approval of the coordinators of each contracting institution and shall be appended hereto.

This Agreement will be extended automatically for another year if none of the partners states his interest to cease the Agreement at least three months before its validity expires. Any termination must take into account existing exchanges and cooperation programs which have to be finished.

For Dipartimento di Ingegneria Chimica e
Alimentare,
Università degli Studi di Salerno, Italy

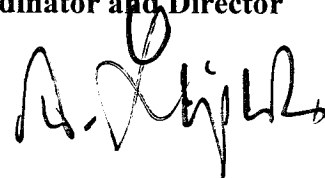
For Erlangen Graduate School in
Advanced Optical Technologies and
Lehrstuhl für Technische
Thermodynamik

Prof. Loredana Incarnato
Director

Scientific Coordinators:

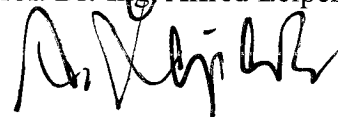
Prof. Dr.-Ing. Alfred Leipertz
The Coordinator and Director



Prof. Ernesto Reverchon



Prof. Dr.-Ing. Alfred Leipertz



Fisciano, 26/09/2010

Erlangen, 11/11/2010

The partners do not go into any financial commitment by signing this agreement. Nevertheless they will undertake any effort to find financial sources or support for each research or exchange project defined. For each project defined the financial conditions will be laid down in separate agreements.

7. Duration / Termination of the Agreement

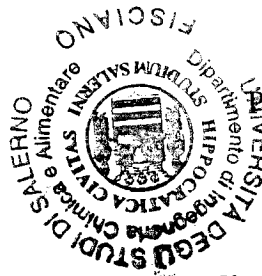
This Cooperation Agreement becomes effective after ratification of both sides. It will remain in force for a period of three years after signing, and any amendment and/or modification of the Agreement will require written approval of the coordinators of each contracting institution and shall be appended hereto.

This Agreement will be extended automatically for another year if none of the partners states his interest to cease the Agreement at least three months before its validity expires. Any termination must take into account existing exchanges and cooperation programs which have to tie finished.

For Dipartimento di Ingegneria Chimica e Alimentare,
Università degli Studi di Salerno, Italy

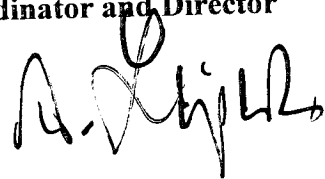
For Erlangen Graduate School in Advanced Optical Technologies and Lehrstuhl für Technische Thermodynamik

Prof. Loredana Incarnato
Director

Scientific Coordinators:

Prof. Dr.-Ing. Alfred Leipertz
The Coordinator and Director



Prof. Ernesto Reverchon



Prof. Dr.-Ing. Alfred Leipertz



Fisciano, 24/09/2010

Erlangen, 11/11/2010