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

Istituto Motori
National Research Council of Italy (CNR)
Via G. Marconi, 8 – 80125 Napoli, 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. In close collaboration with the FAU-Institute of Engineering Thermodynamics (LTT – Lehrstuhl für Technische Thermodynamik) SAOT investigates the fundamentals and applications of internal combustion engines using optical diagnostics for the study of all different single steps forming the functioning chain of the engine process.

The Istituto Motori is a public multidiscipline research center of the National Research Council of Italy (hereafter referred to as IM-CNR). It performs basic and applied research in the field of stationary and in-cylinder fluid-dynamic processes, fuel injection systems, optical diagnostics of advanced combustion processes of internal combustion engines as well as alternative fuels and hybrid powertrains.

The SAOT-LTT and the IM-CNR hereby agree upon the following terms and conditions as set in this Cooperative Proposal.

I. 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 IM-CNR and SAOT-LTT.

Cooperation shall be carried out, subject to availability of funds and the approval of each institution, through such activities or programs as:

a) Developing collaborative research projects;
b) Exchange of teaching and research staff of the IM-CNR and the SAOT-LTT.
2. Coordinators

For IM-CNR: Dr.Eng. Felice E. Corcione and Dr. Eng. Gerardo Valentino
For SAOT and LTT: Prof. Dr.-Ing. Alfred Leipertz and Prof. Dr.-Ing. Michael Wensing

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 IM-CNR 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. Sufficient health and accident insurance shall be the responsibility of the individual taking part in exchange activities.

5. Duration / Termination of the Agreement

This Cooperation Agreement will remain in force for a period of five years after signing, and any amendment and/or modification of the Agreement will require written approval of the directors 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.

All the partnerships will disseminate the results of the collaboration via joint publications, seminar and meetings.

For IM-CNR:

Dott. Ing. Paola Belardini
The Director

For Erlangen Graduate School in Advanced Optical Technologies:

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

Scientific Coordinators:

Dr.Eng. Felice E. Corcione
Dr.Eng. Gerardo Valentino
Naples, 07-05-09

Prof. Dr.-Ing. Alfred Leipertz
Prof. Dr.-Ing. Michael Wensing
Erlangen, 07-05-09