



Fraunhofer Institut
Betriebsfestigkeit

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Press-release

34 Million Euros for Leading Research on Noise Reduction

The Fraunhofer-Institute for Structural Durability LBF in Darmstadt, Germany and the System Reliability of Mechanical Engineering Department of Darmstadt University of Technology together have been approved by the European Community to carry out the integrated project „Intelligent Materials for Active Noise Reduction - InMAR“. 34 million Euros are now available for the development of new intelligent material systems as well as for their application in active systems to reduce the acoustic noise of technical products and equipment.

Professor Holger Hanselka, director of the Fraunhofer LBF, and Dr. Thilo Bein, deputy leader of the System Reliability of Mechanical Engineering Department of Darmstadt University of Technology, participated in the call of the European Community's sixth framework programme, leading an international consortium with the integrated project „Intelligent Materials for Active Noise Reduction - InMAR“. Today the European Community announced their approval of the project. Starting the end of 2003, 34 million Euros will be invested over the next five years in this research project, in which altogether 42 prominent partners of 13 European countries will participate.

Nowadays noise is recognised worldwide as one of the major environmental pollutants. In Europe, more than 100 million people are affected by noise and a damage of more than 10 billion Euros per year accrues. In order to significantly reduce noise damage in the next 10-20 years, several actions on national and European levels are being taken to control this major problem. The integrated project InMAR will represent an important contribution in this area.

Fraunhofer Institute
for Structural Durability LBF
Bartningstr. 47
64289 Darmstadt/Germany
Director: Prof. Holger Hanselka
Public relations:
Anke Zeidler-Finsel
Phone: +49 (0) 61 51 / 7 05-1
Fax: +49 (0) 61 51 / 7 05-2 14
Web site: www.lbf.fraunhofer.de
E-mail: info@lbf.fraunhofer.de

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The integrated project InMAR has managed to unite European leading players in research of active systems and acts as a counterbalance to research activities in the USA and Asia.

The coordination of the integrated project InMAR by the Fraunhofer LBF and the Technical University of Darmstadt gives Darmstadt the opportunity to become the European Research Centre in the field of active systems.

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